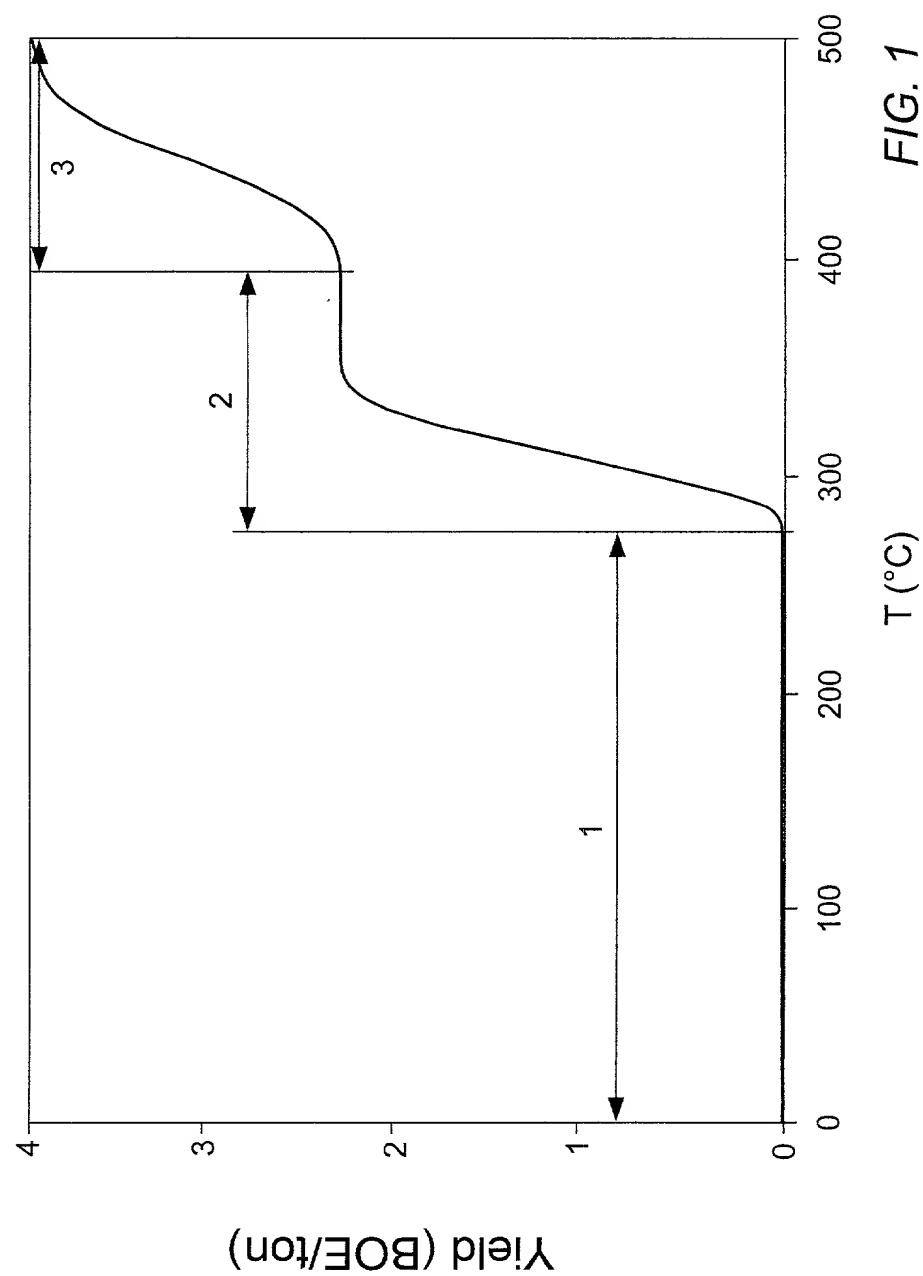


FIG. 1



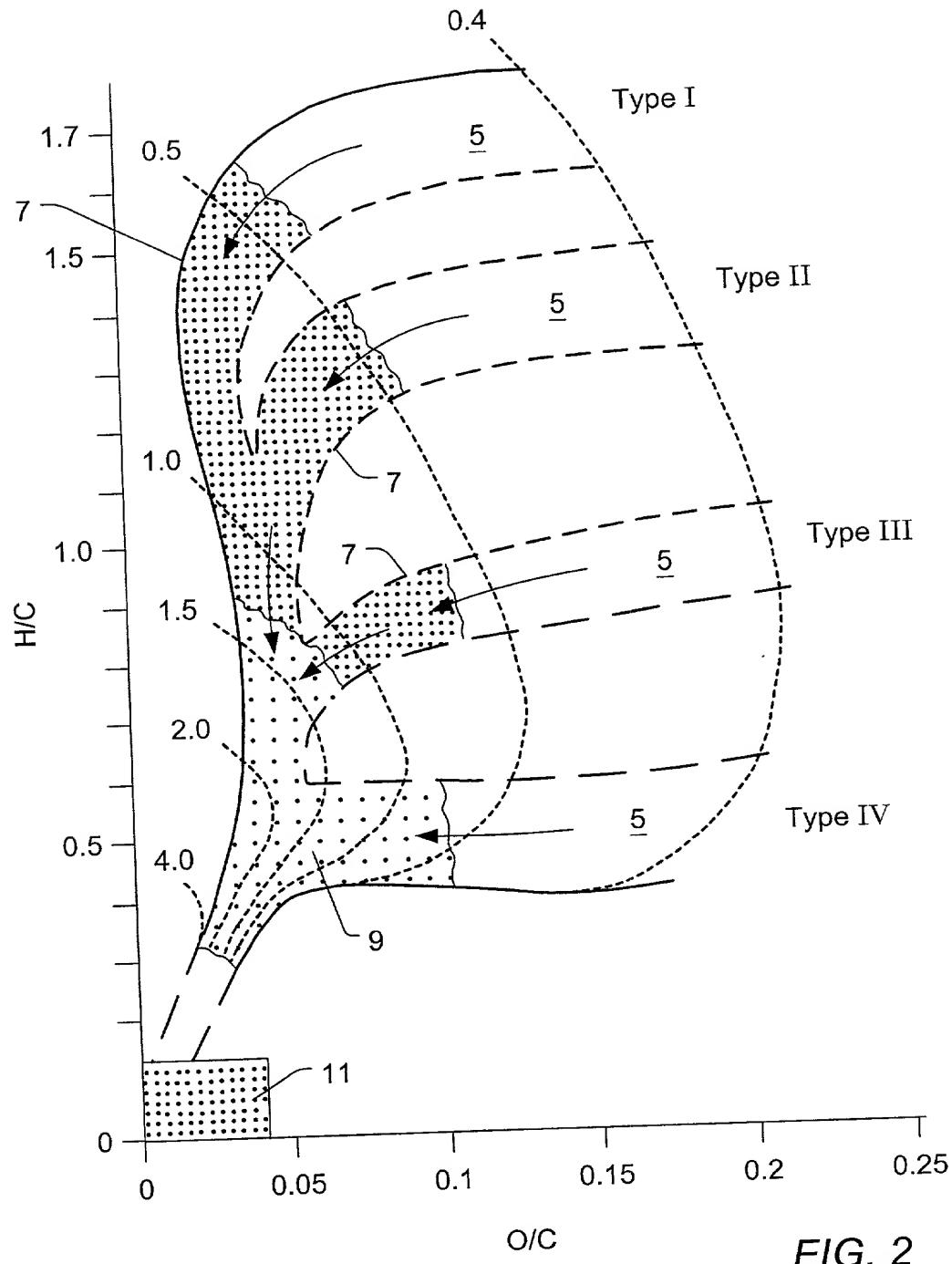


FIG. 2

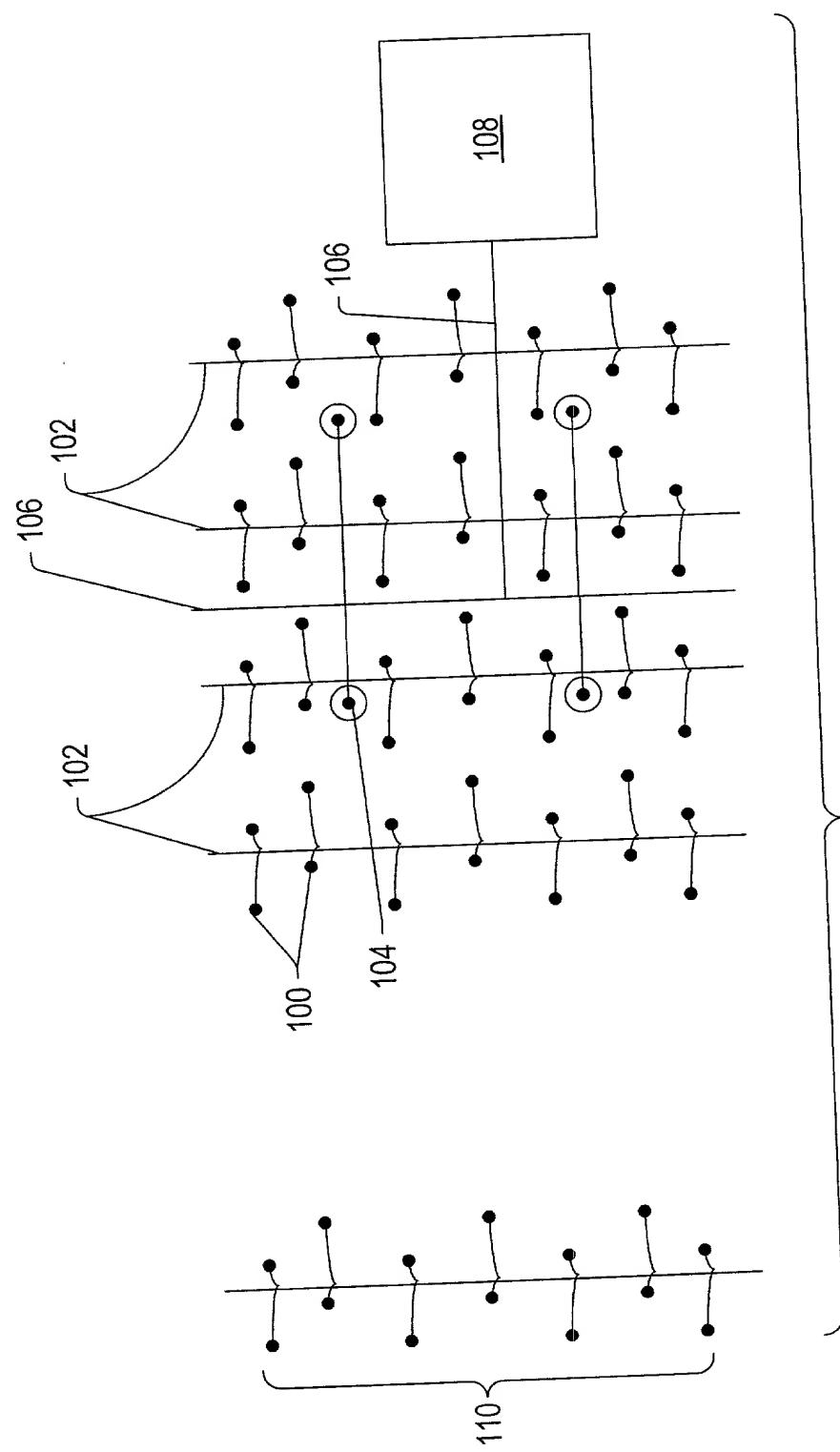


FIG. 3

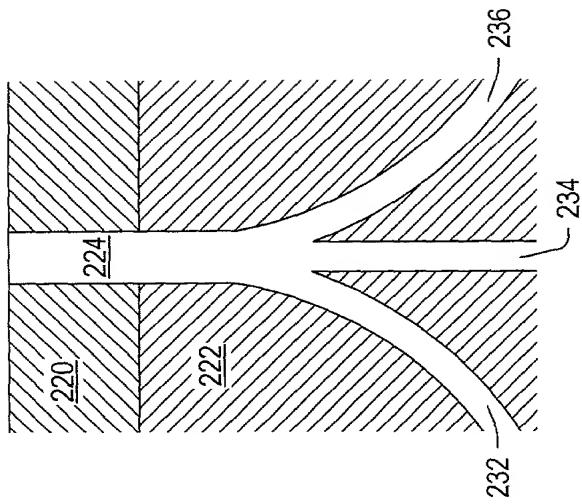
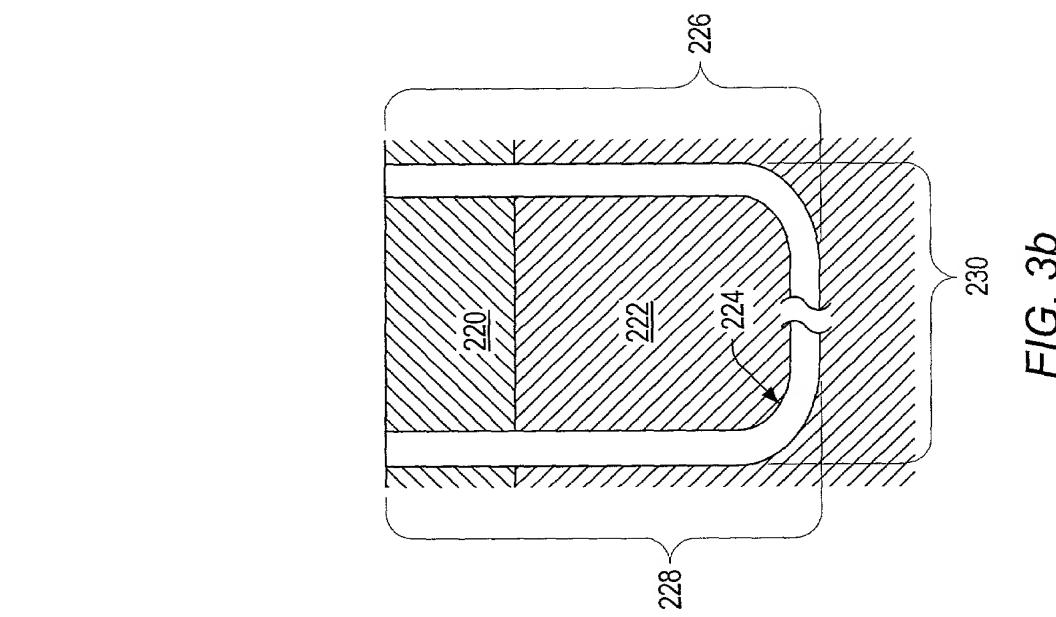
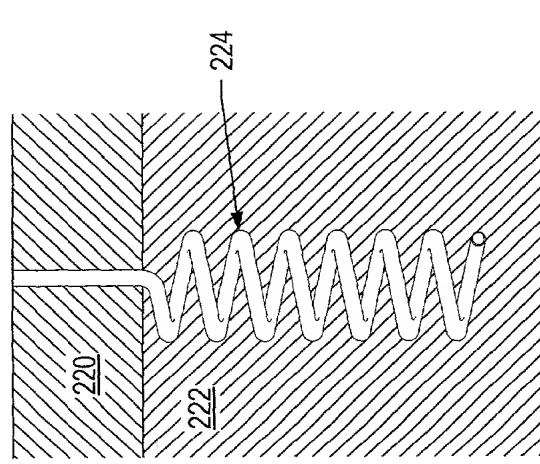


FIG. 4

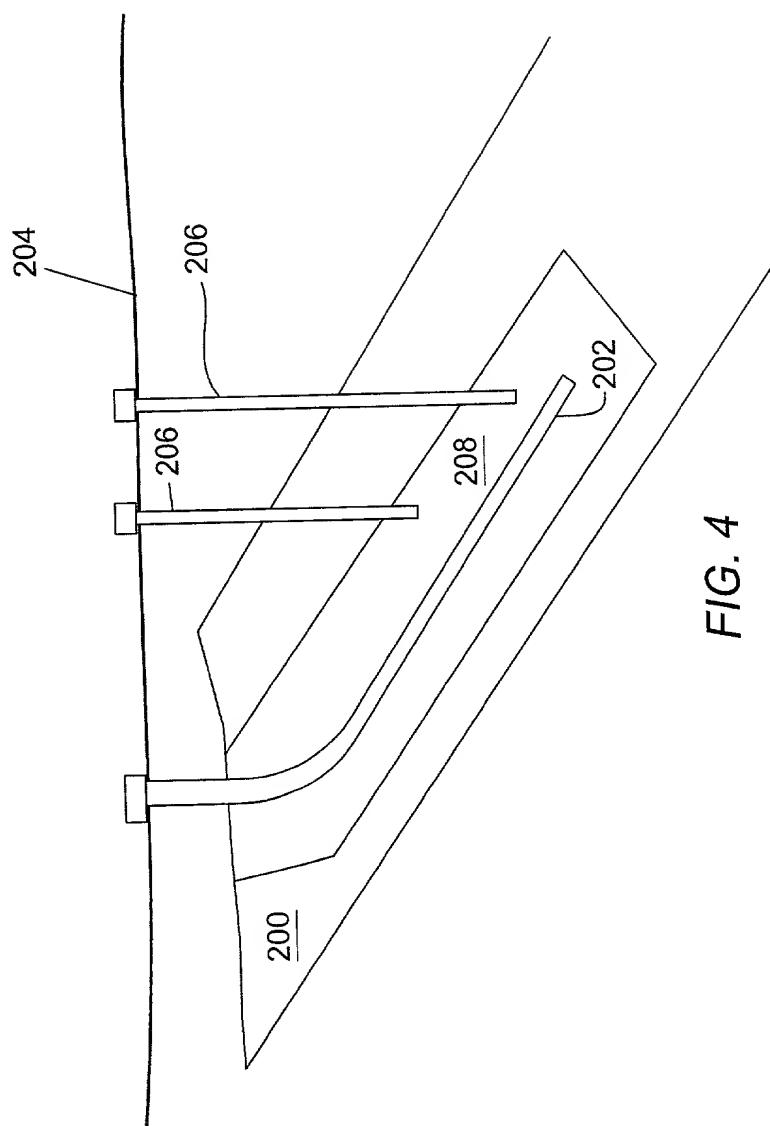
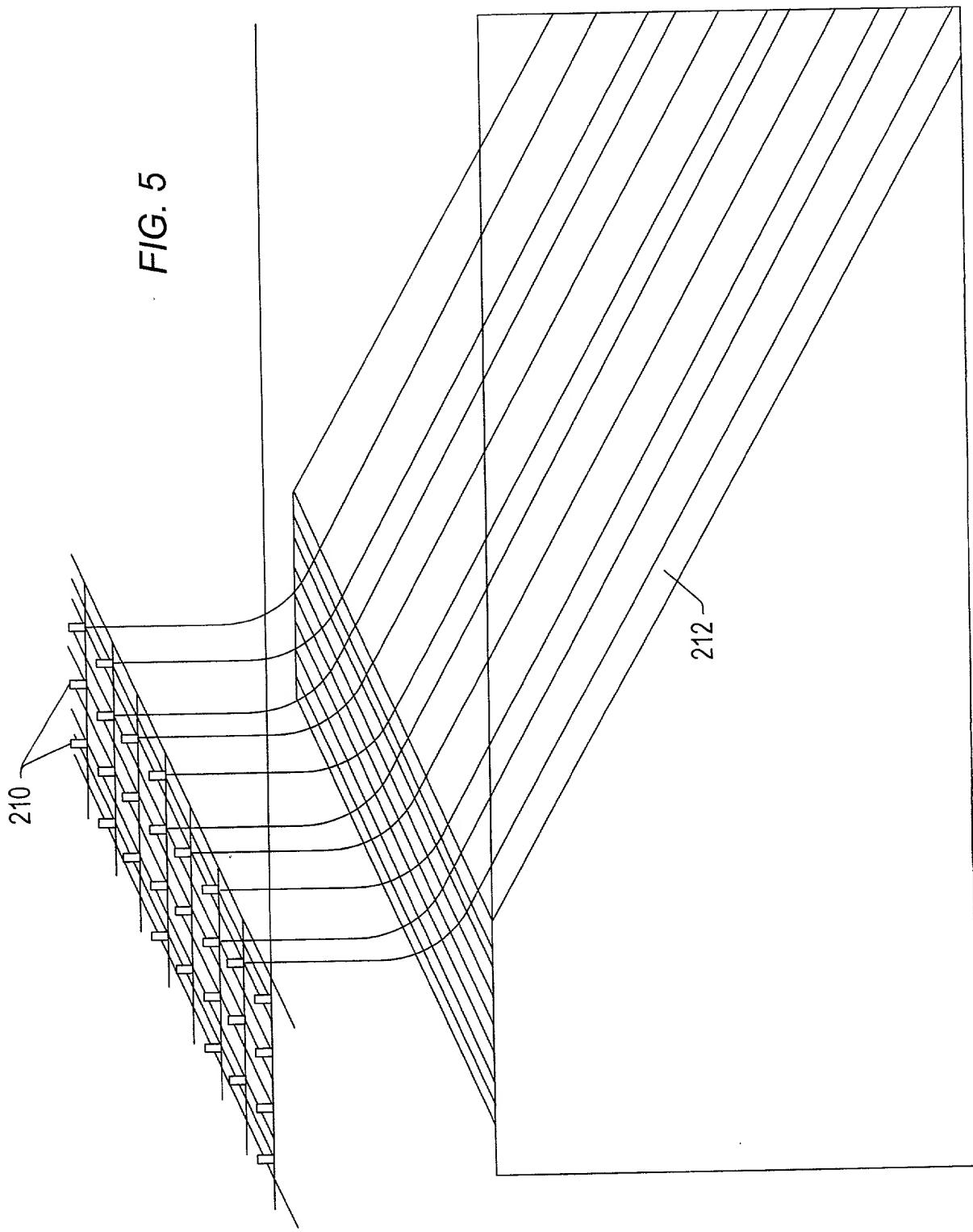


FIG. 5



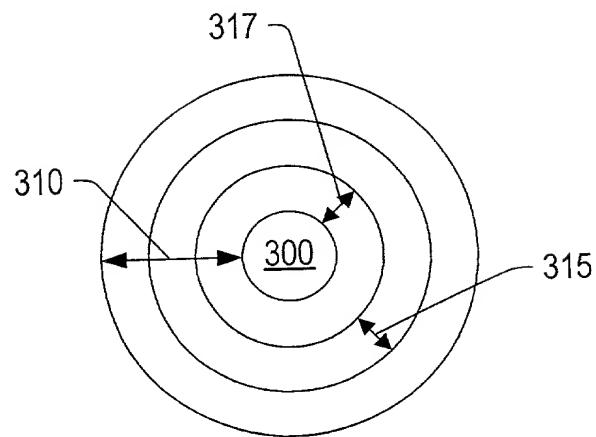


FIG. 6

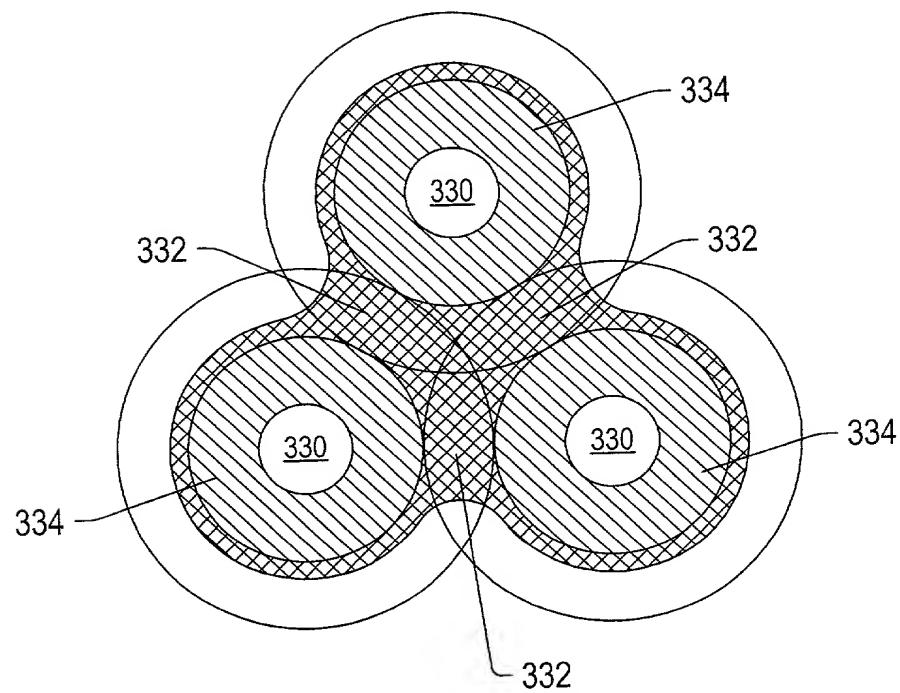


FIG. 7

FIG. 8

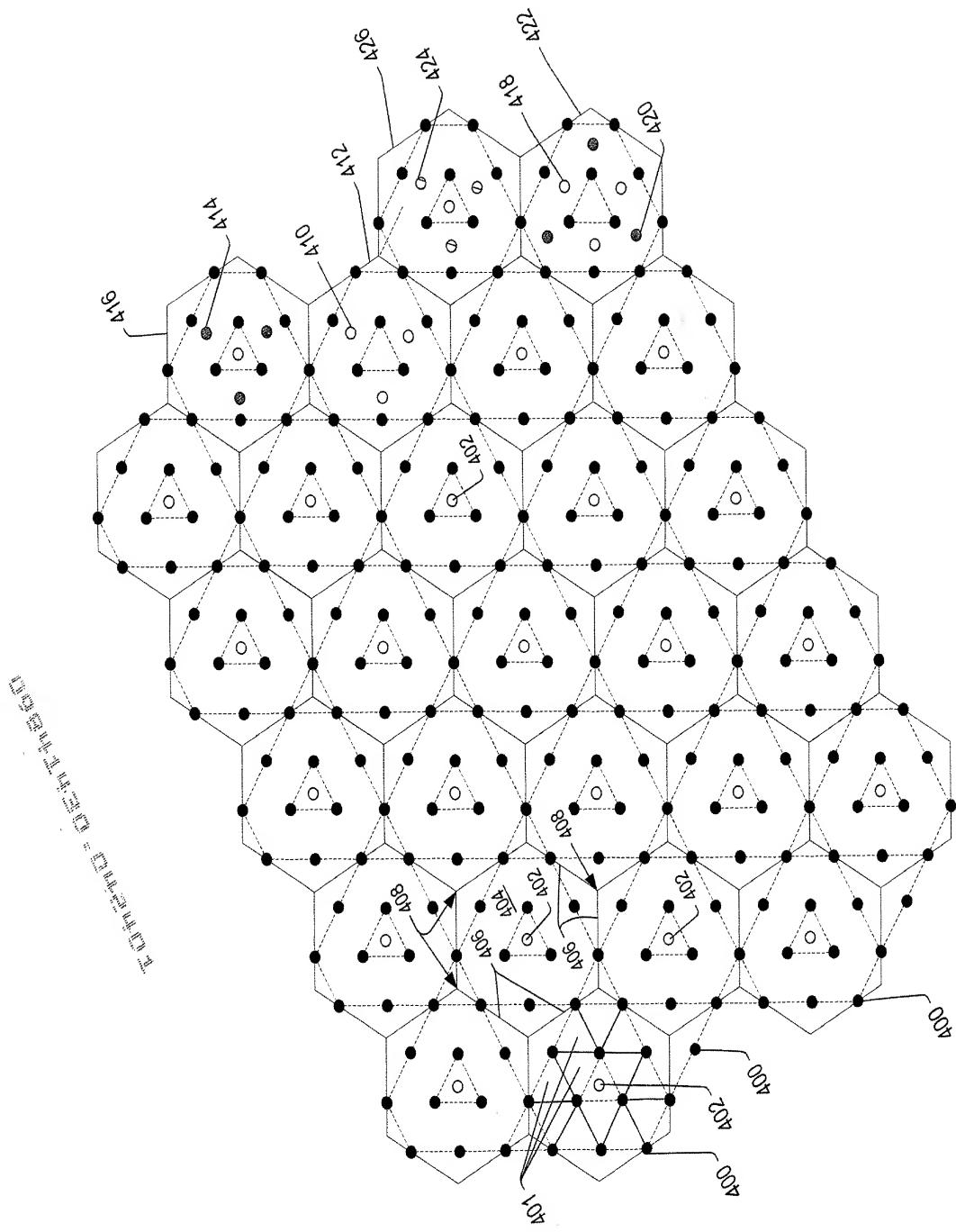
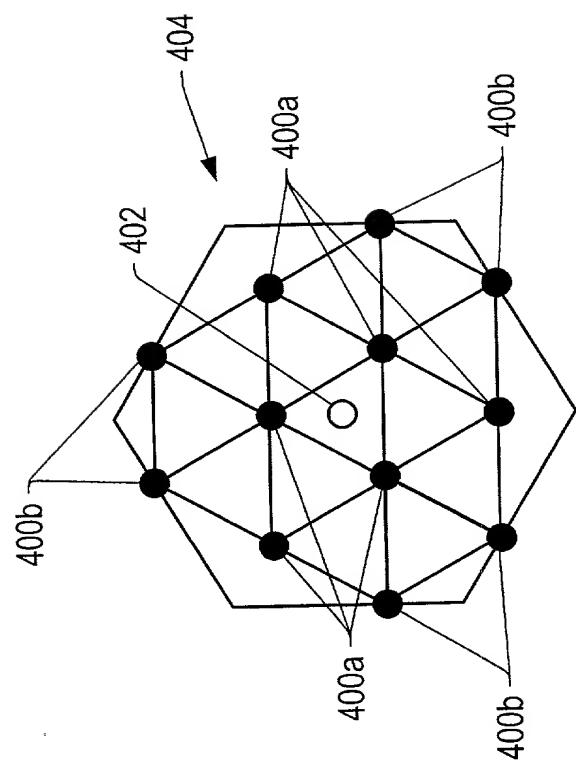


FIG. 9



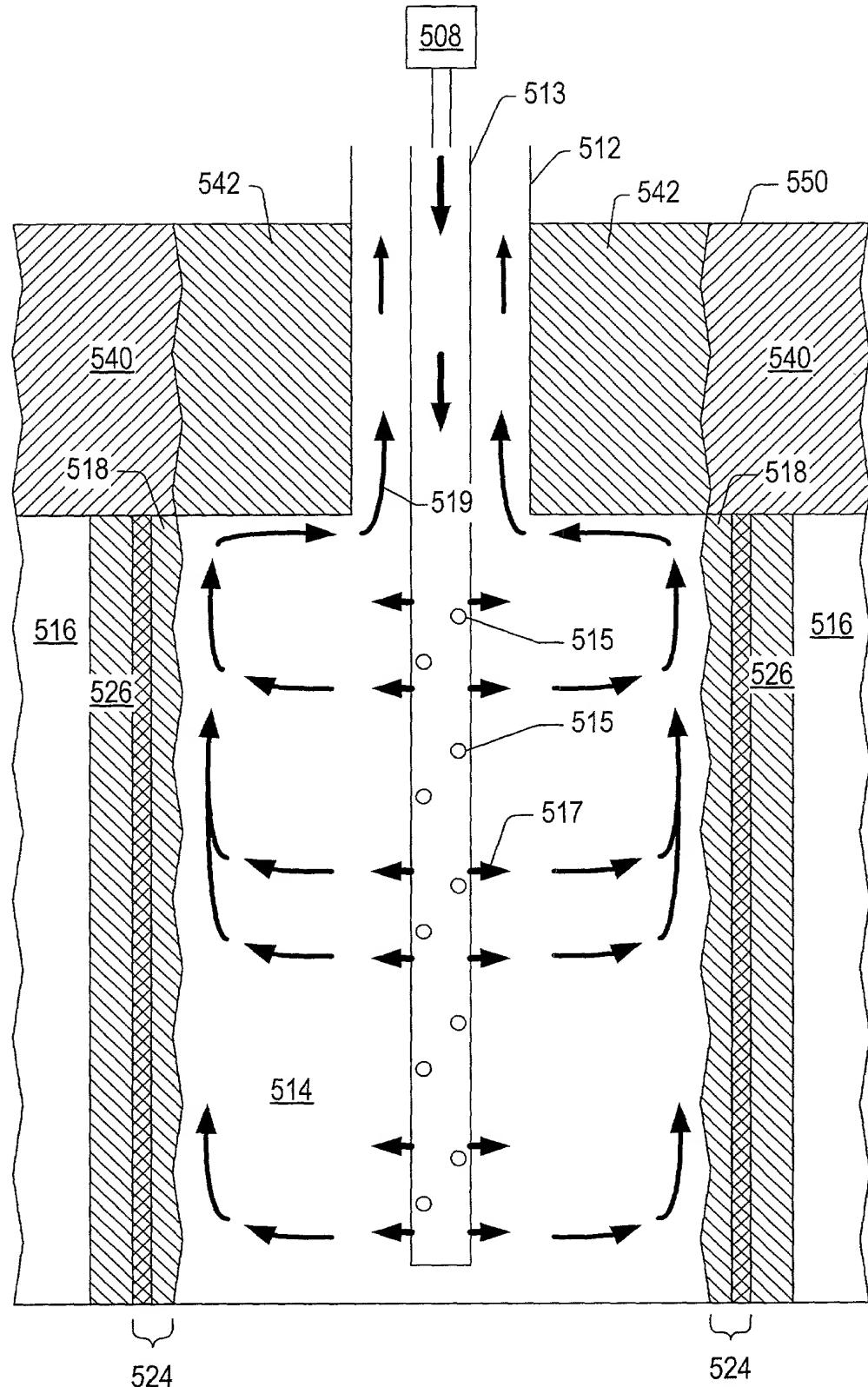


FIG. 10

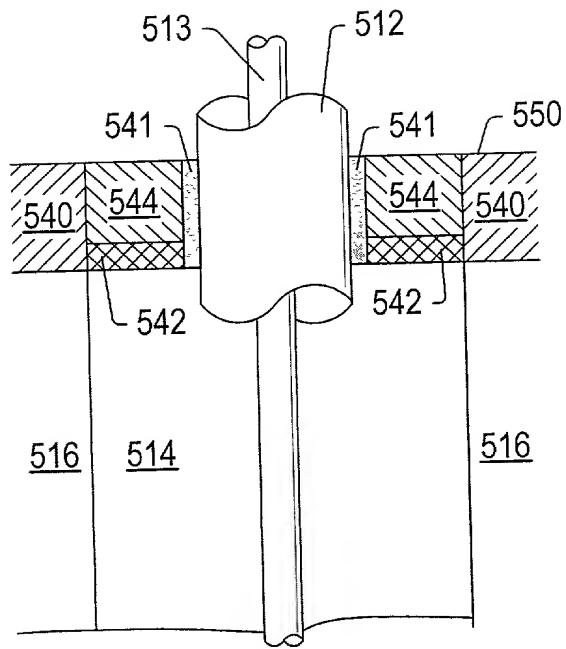


FIG. 11

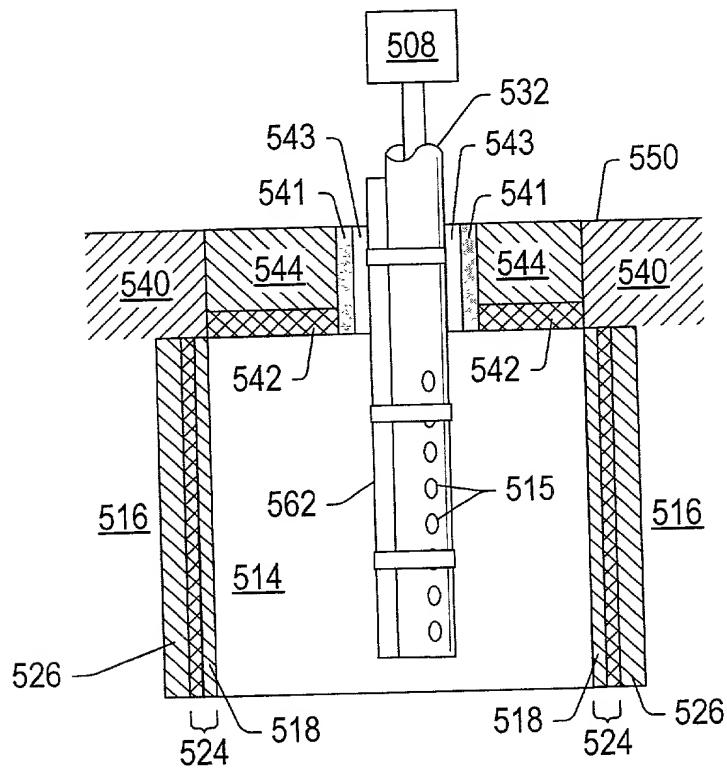


FIG. 12

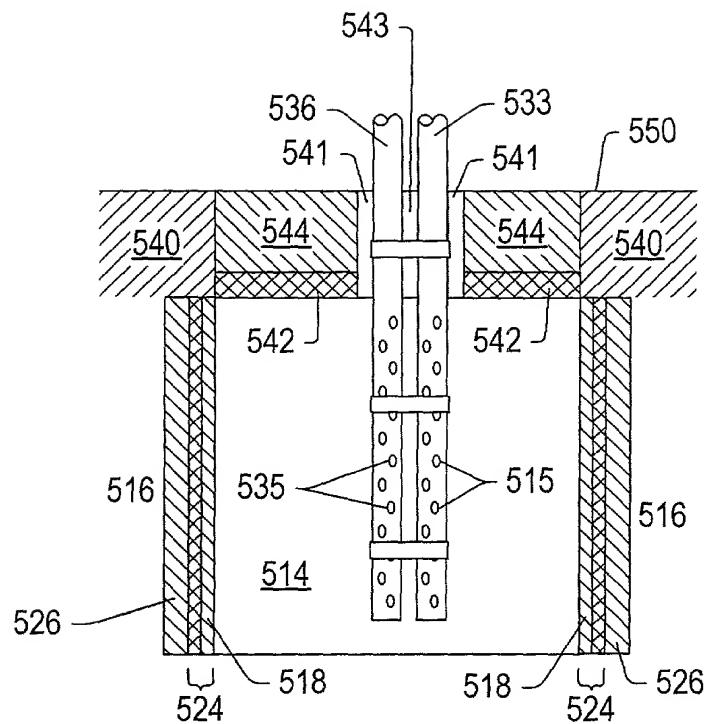


FIG. 13

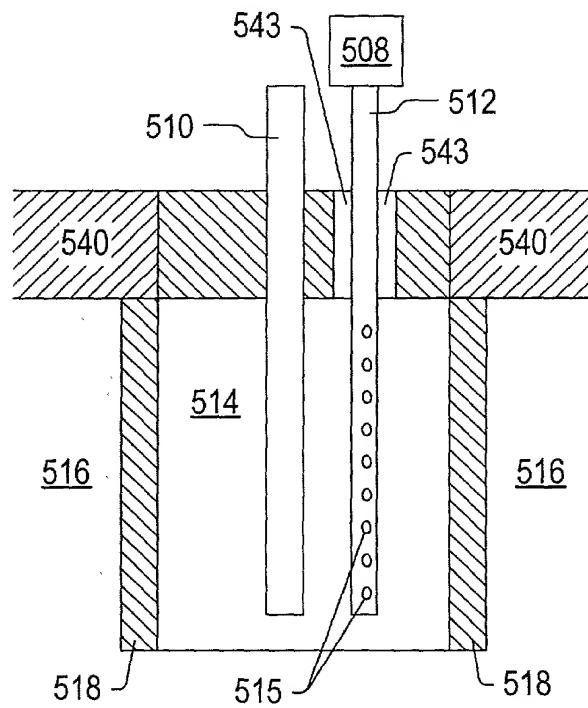


FIG. 14

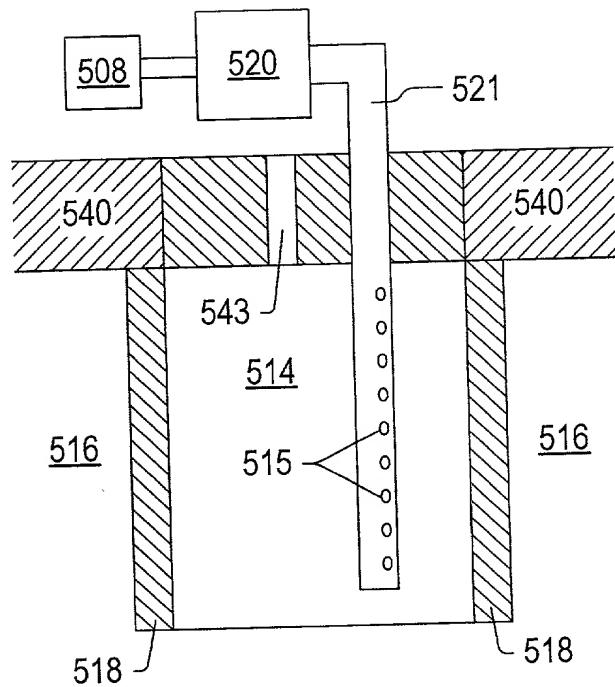


FIG. 15

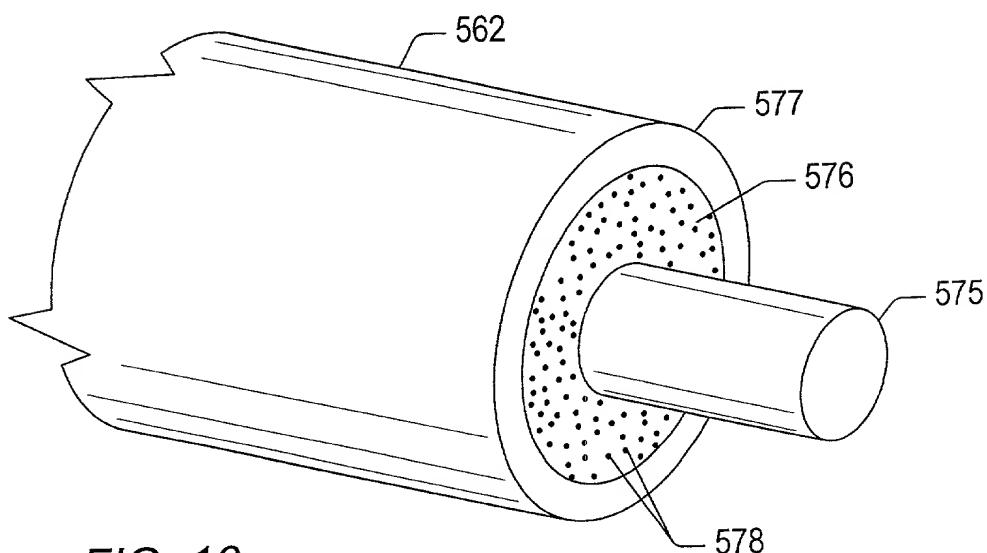


FIG. 16

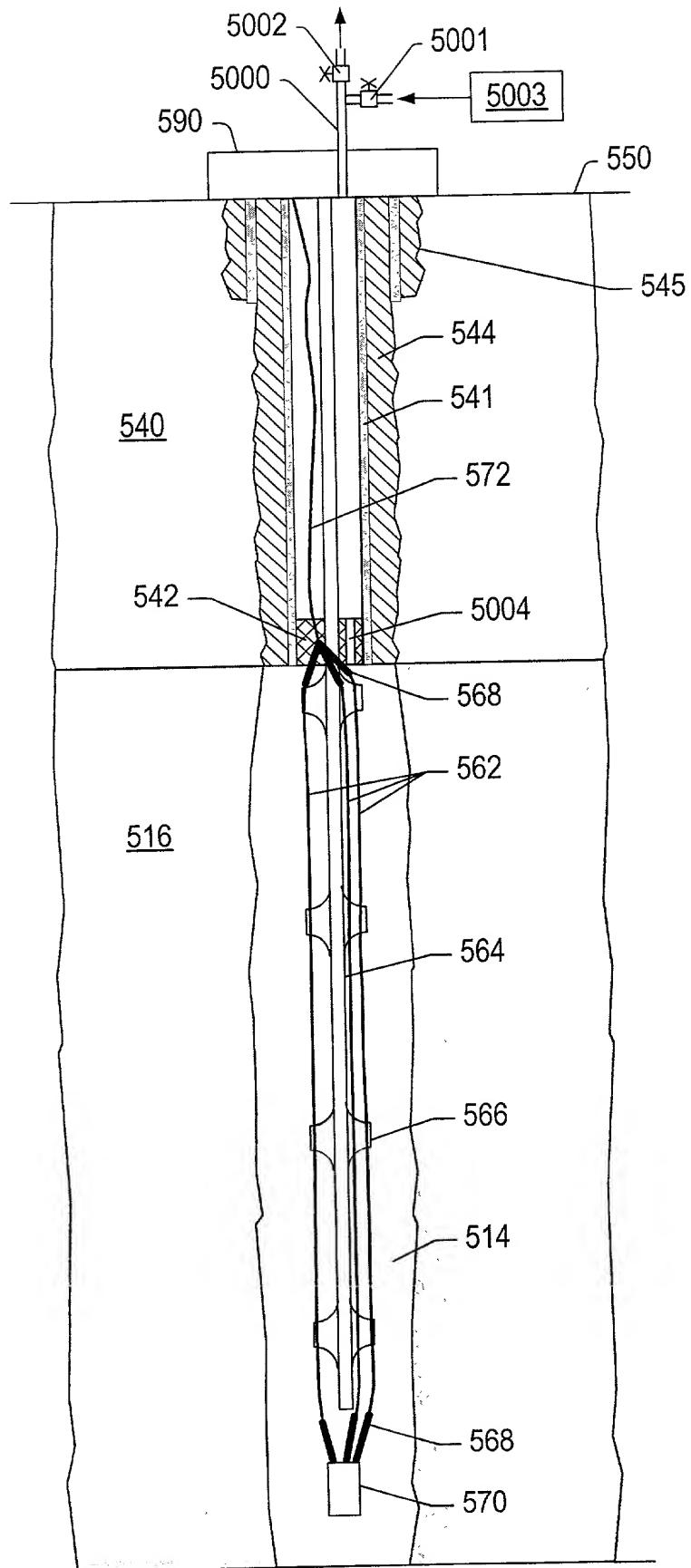


FIG. 17

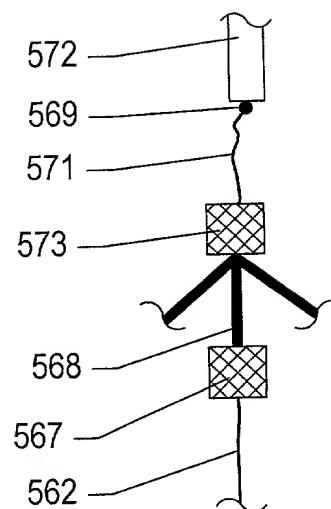
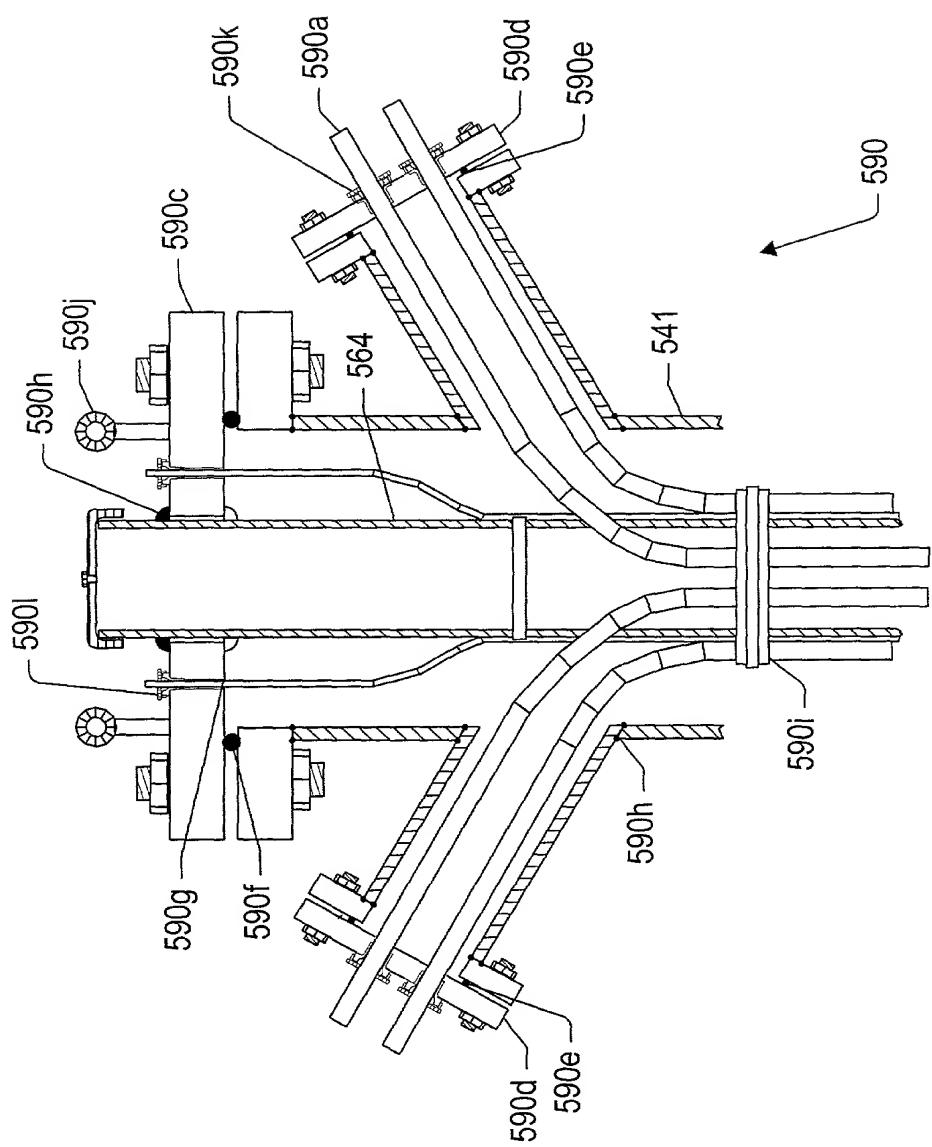


FIG. 17A

FIG. 18



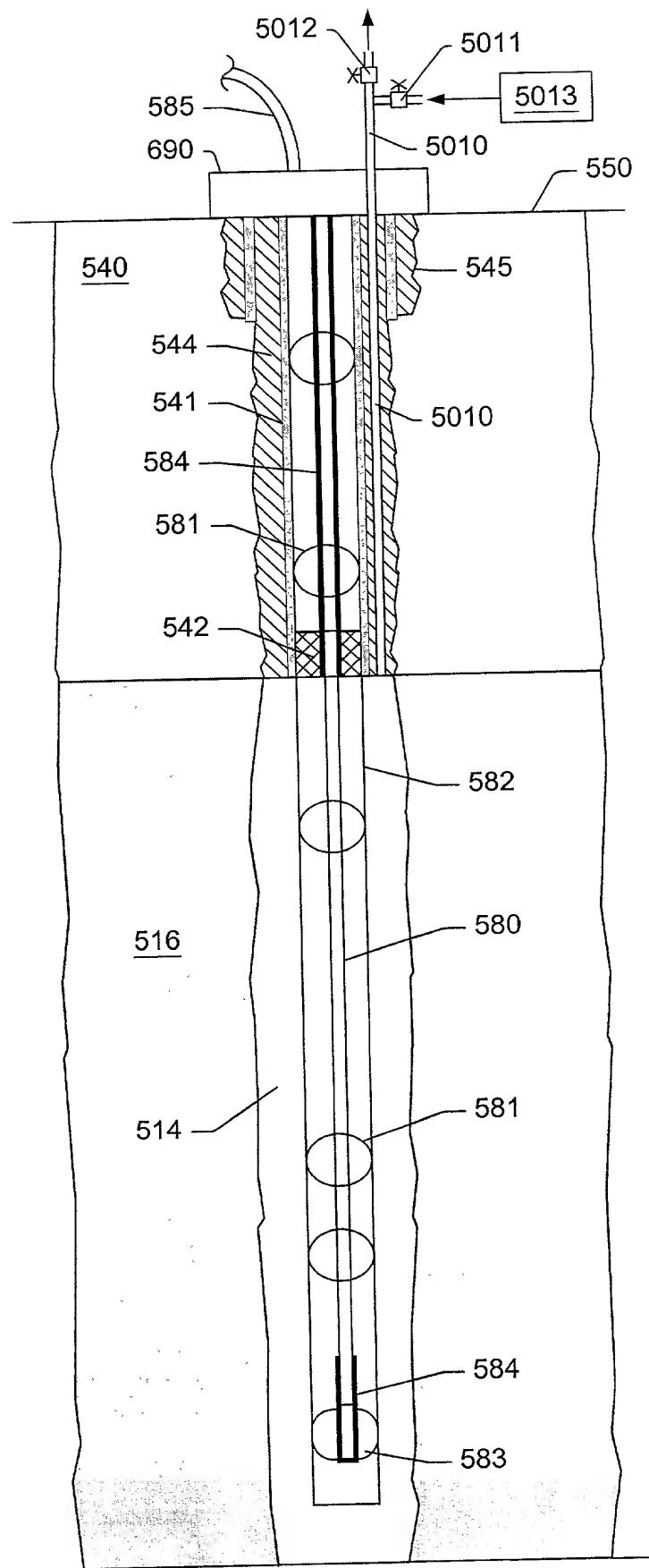
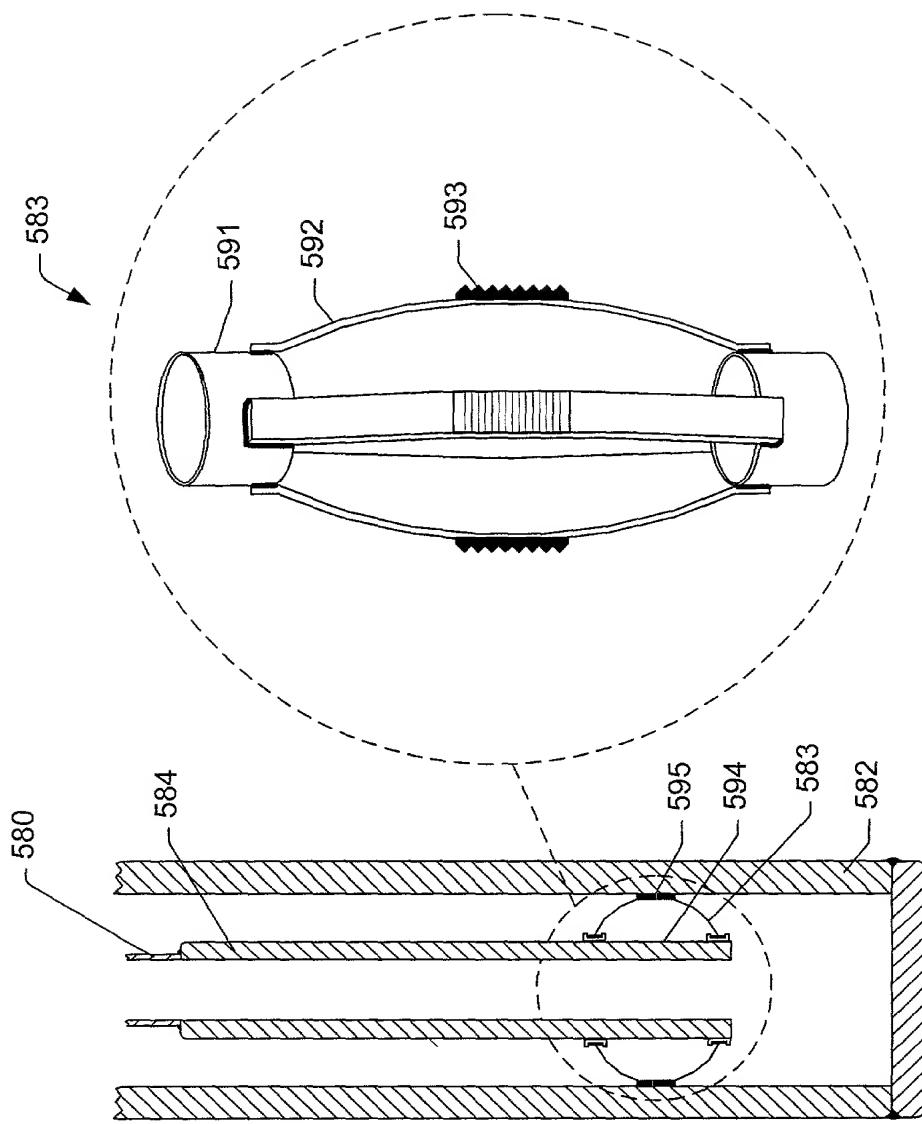


FIG. 19

FIG. 20



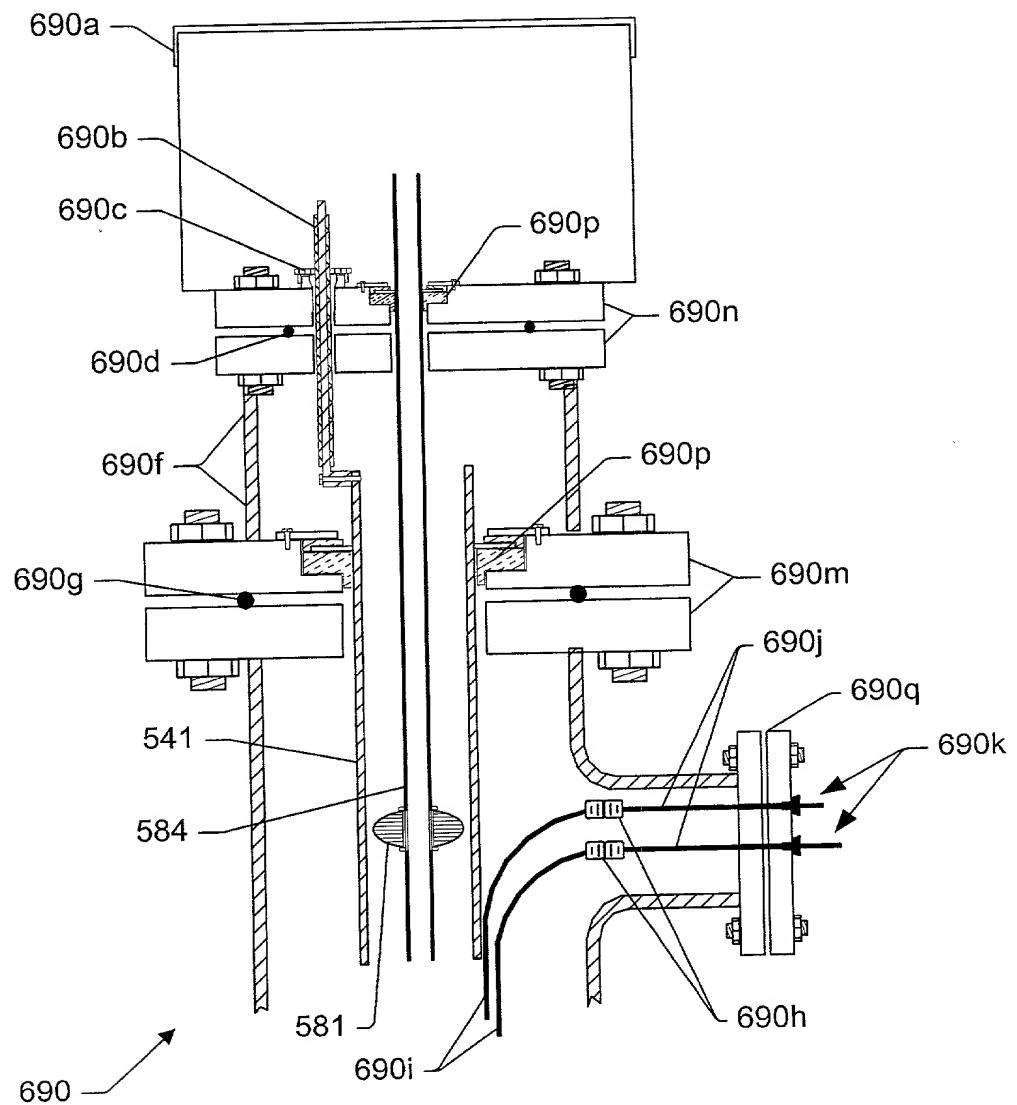


FIG. 21

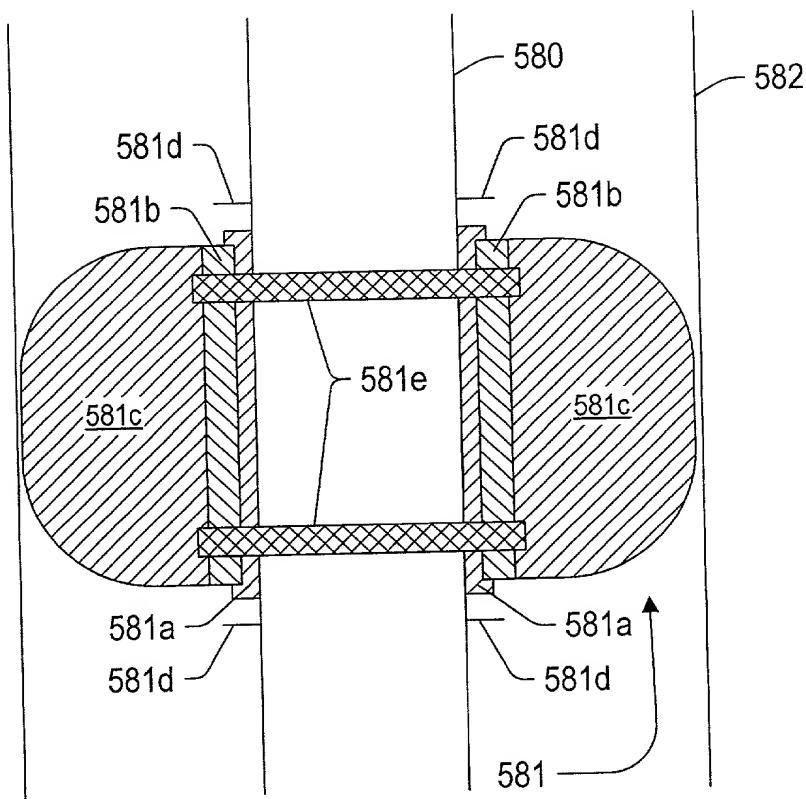


FIG. 22

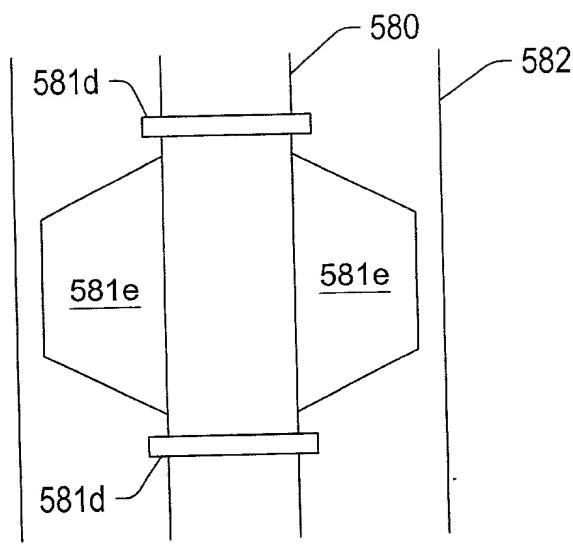


FIG. 23a

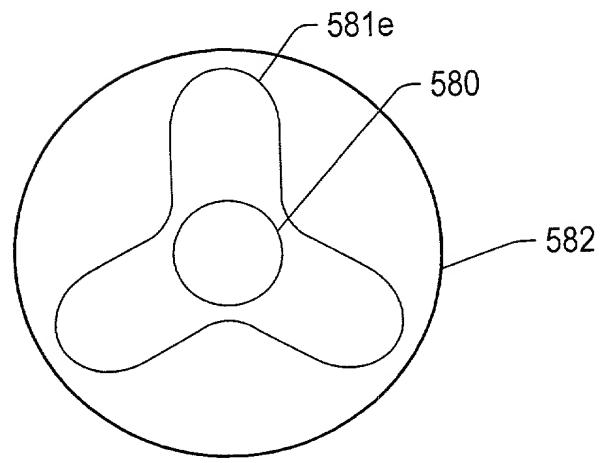


FIG. 23b

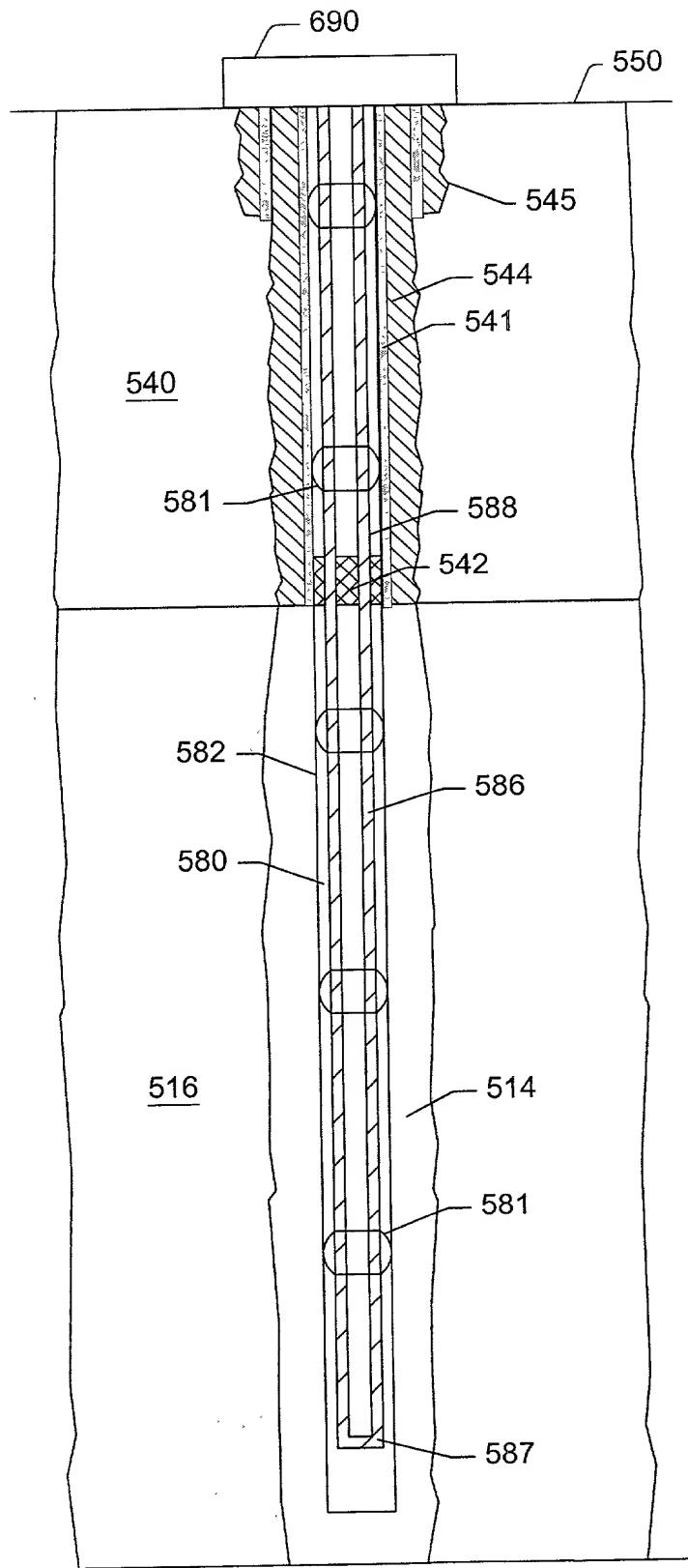


Fig. 24

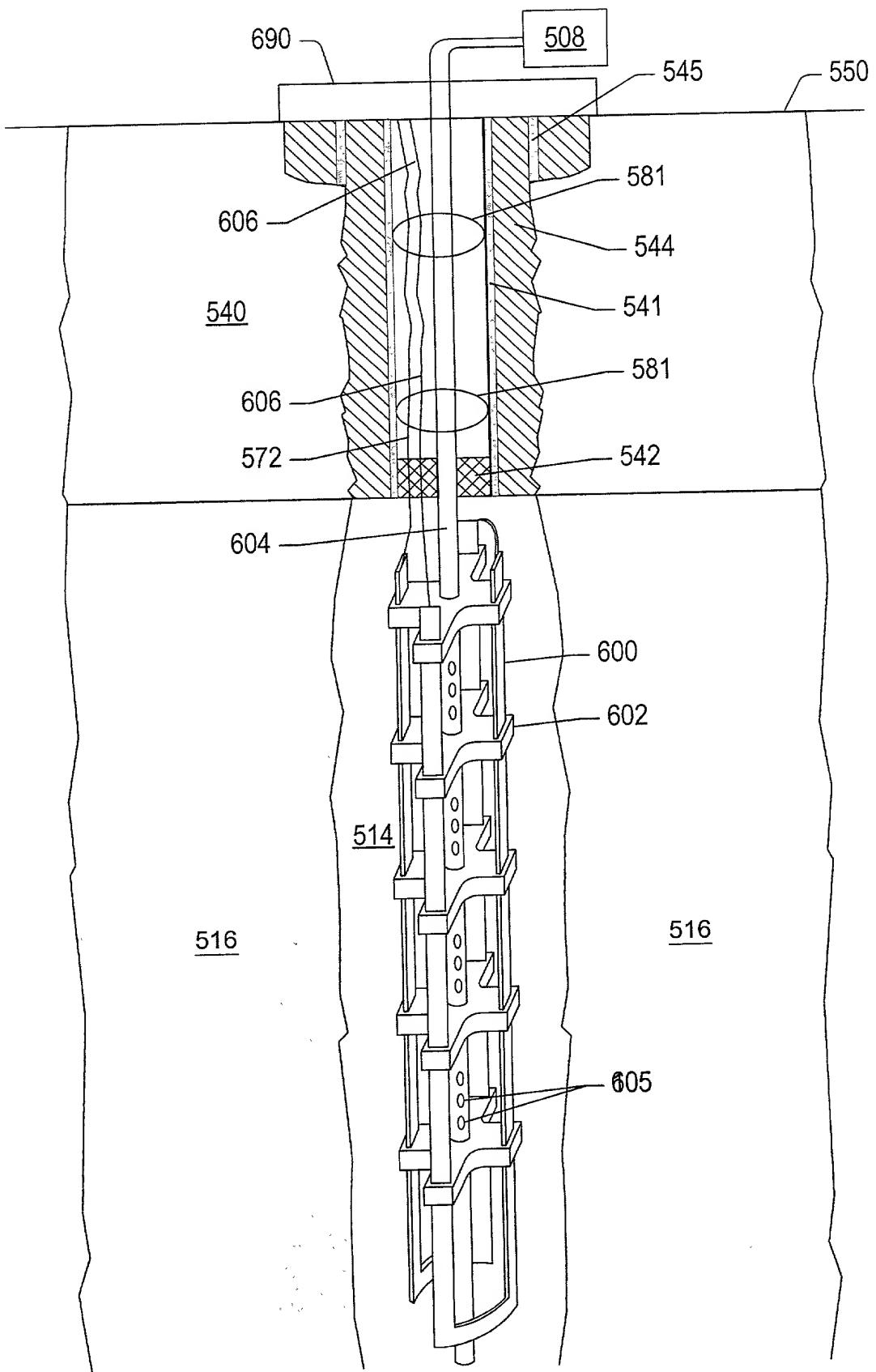


FIG. 25

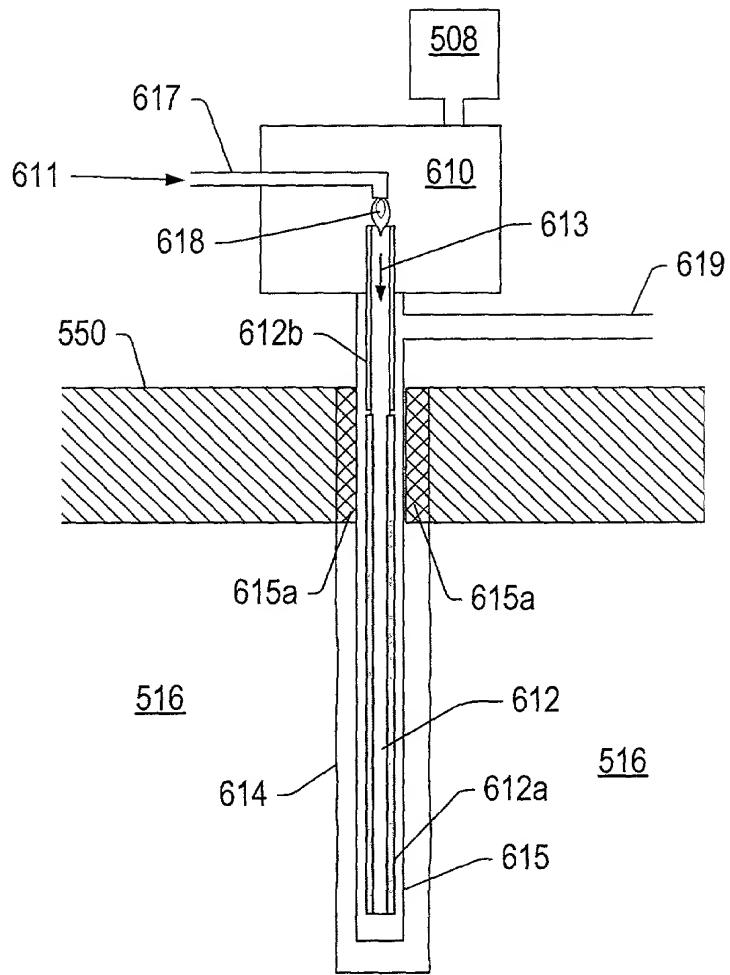


FIG. 26

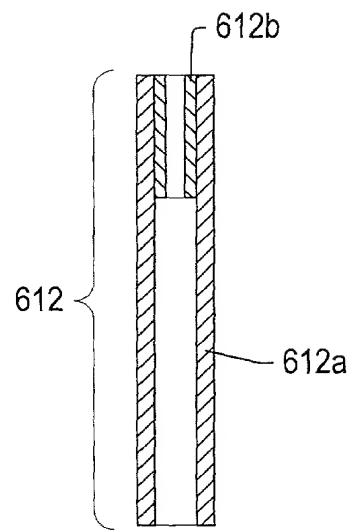


FIG. 27

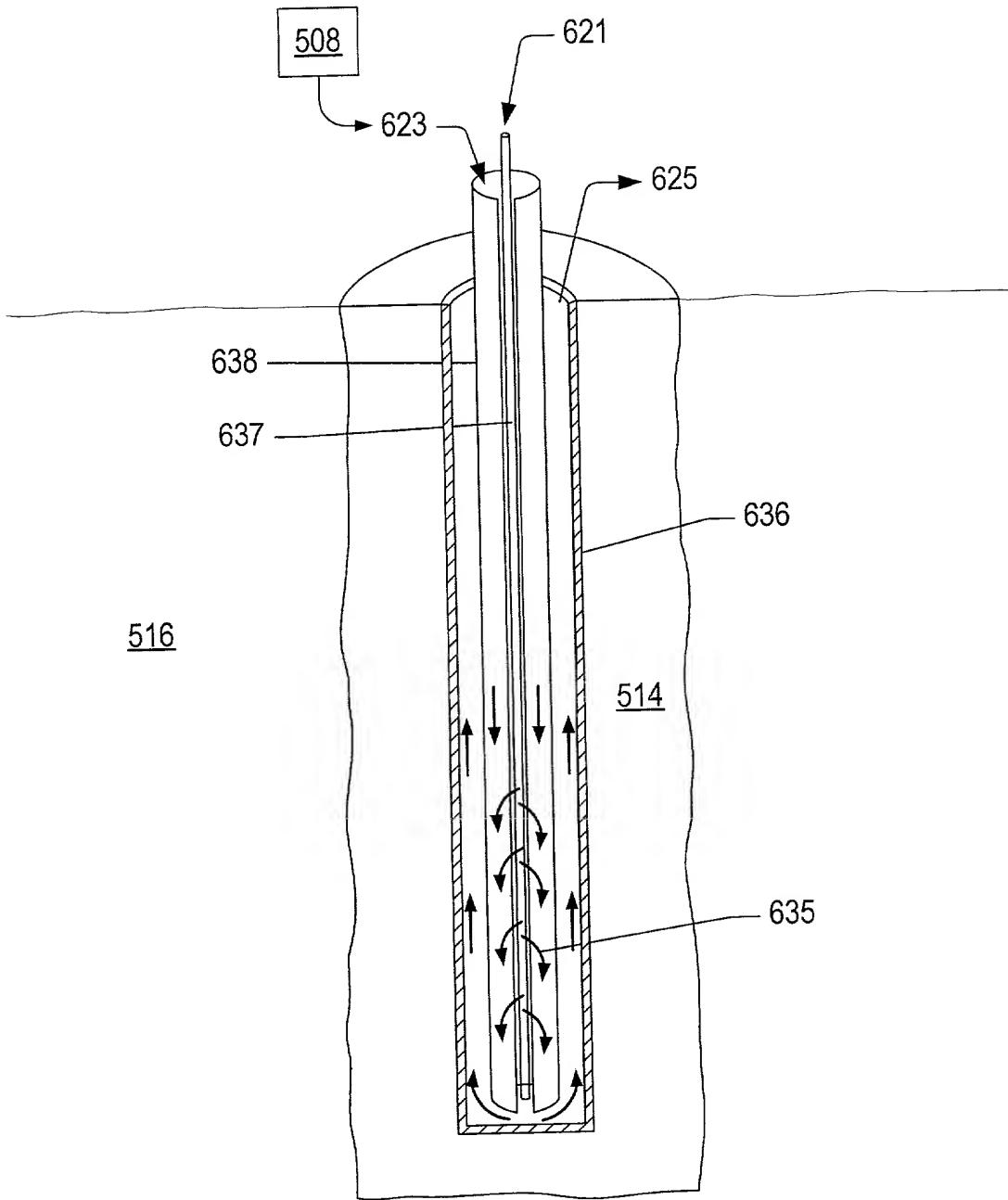


FIG. 28

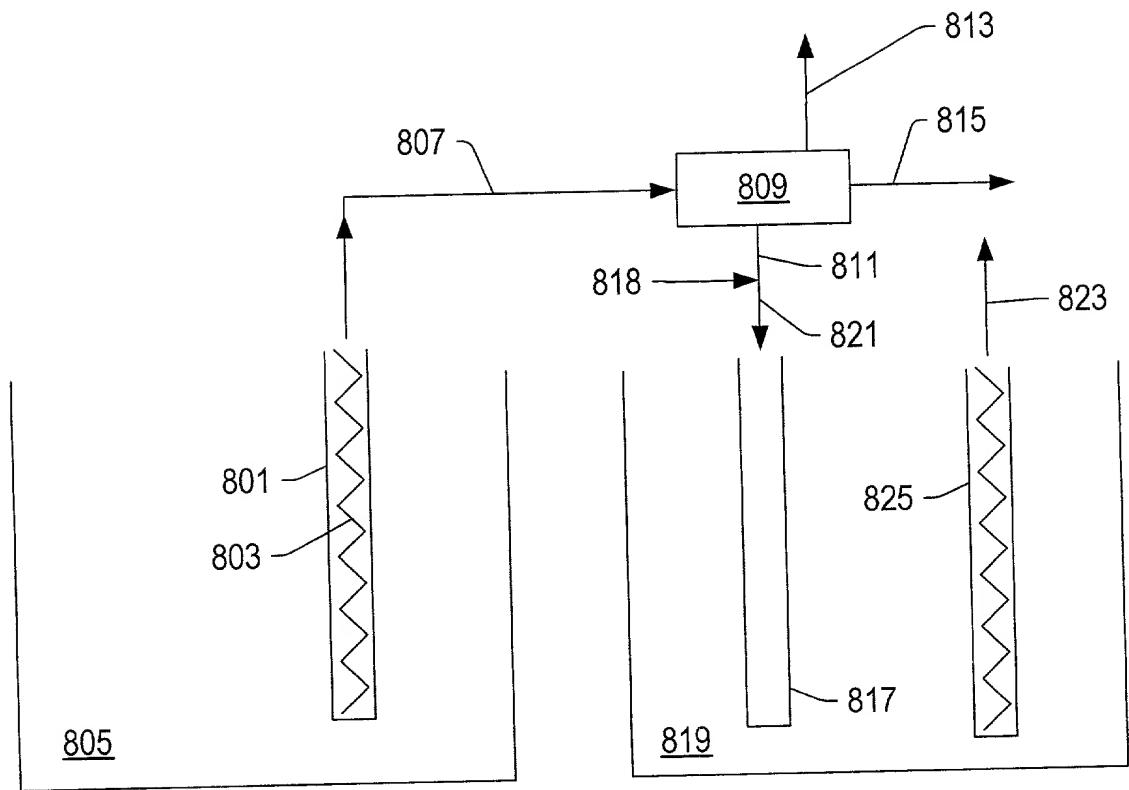


FIG. 29

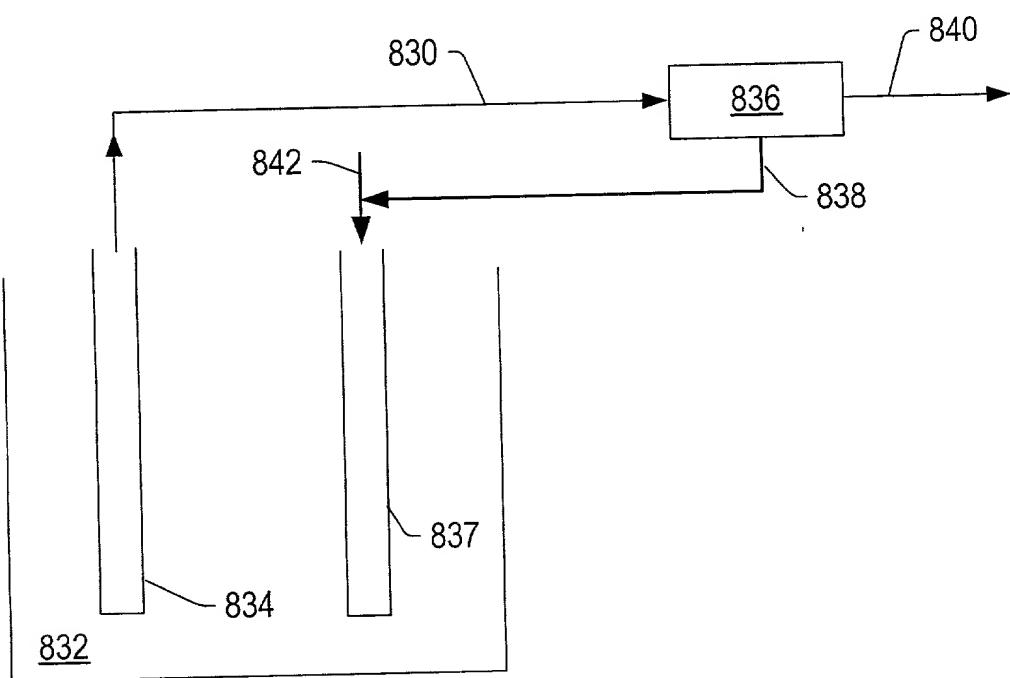


FIG. 30

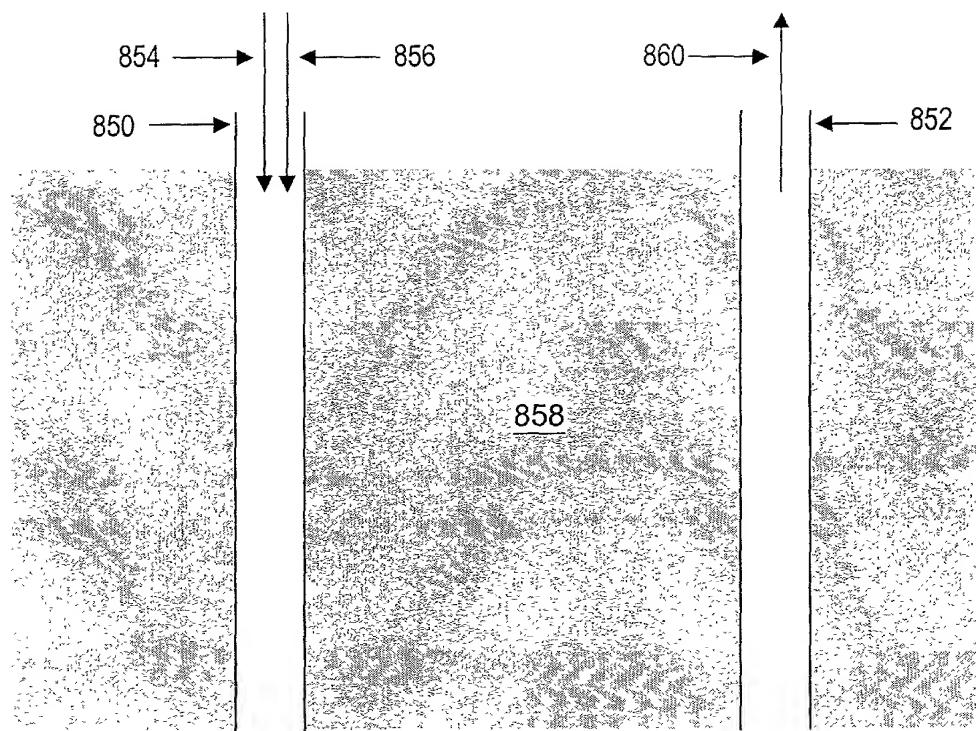


FIG. 31

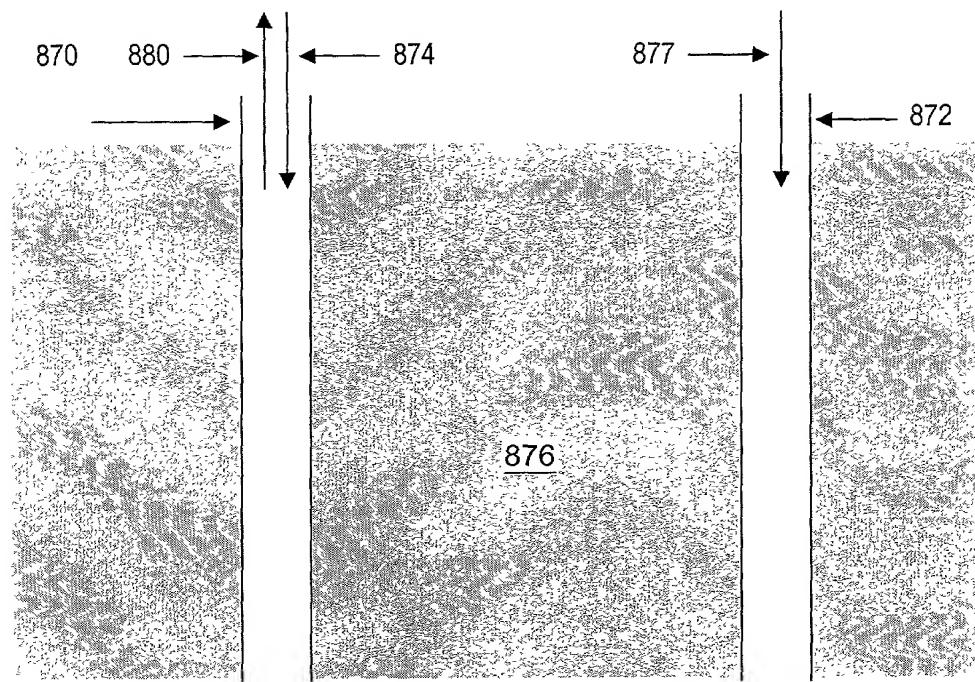


FIG. 32

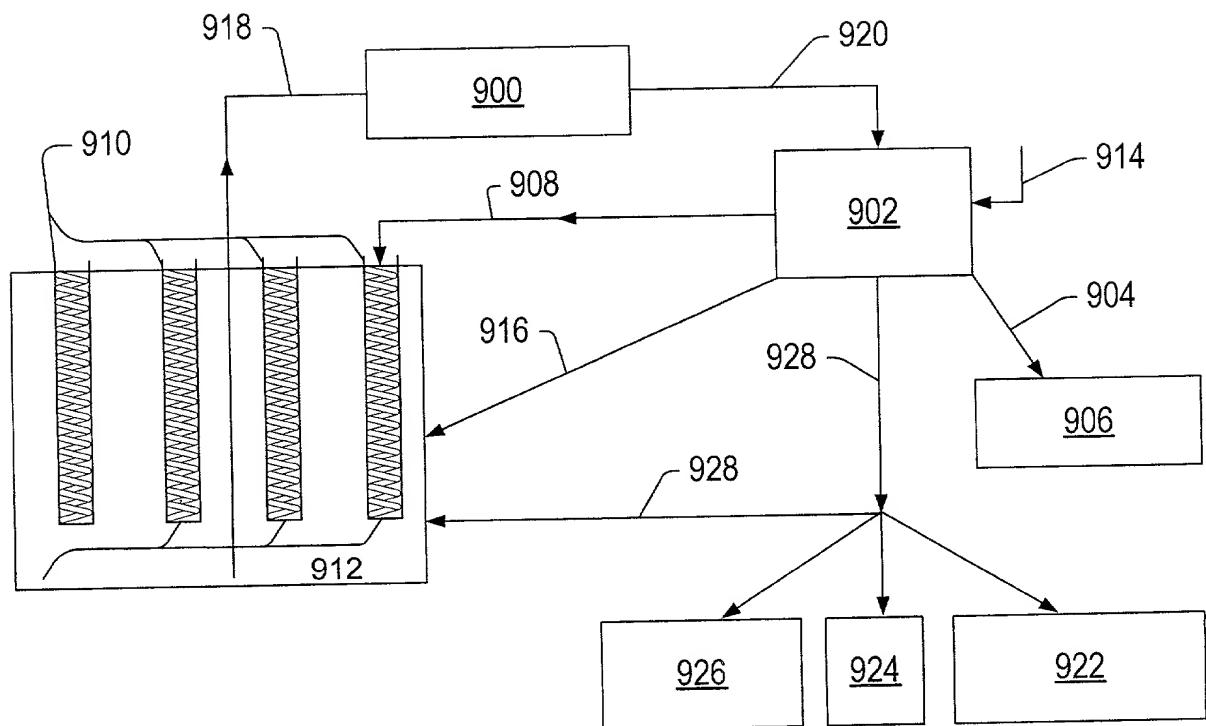


FIG. 33

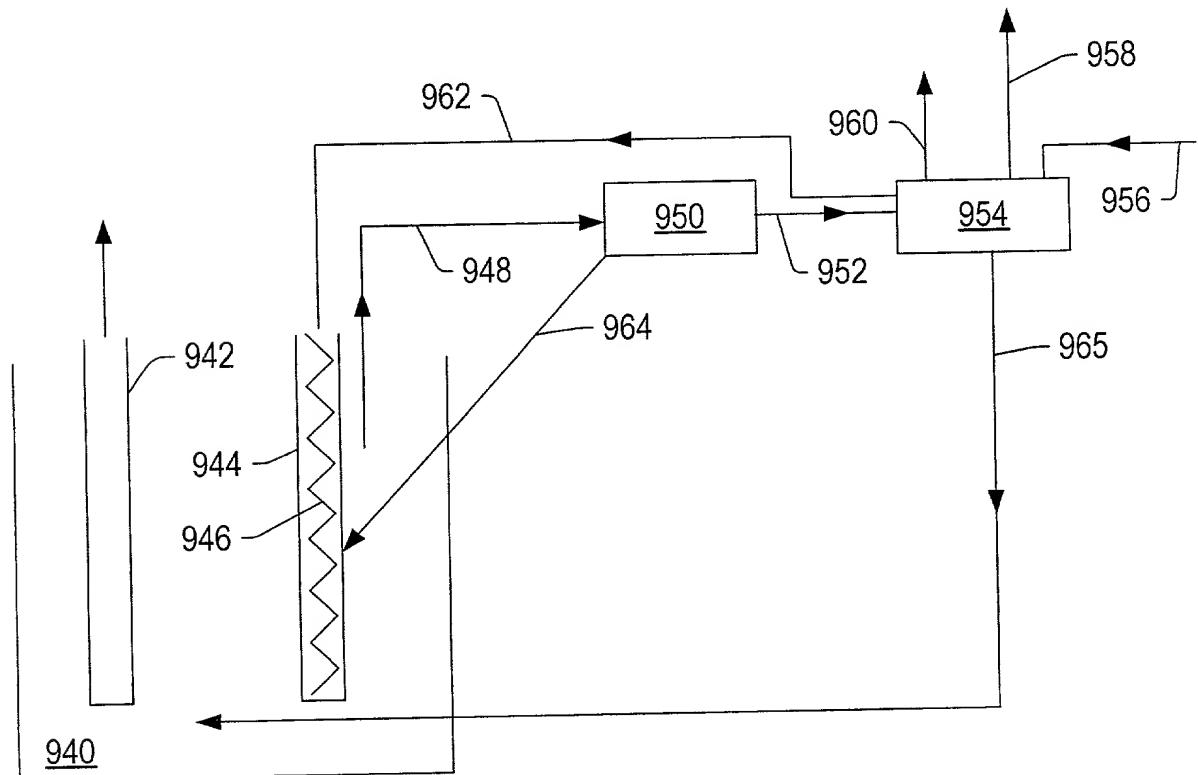


FIG. 34

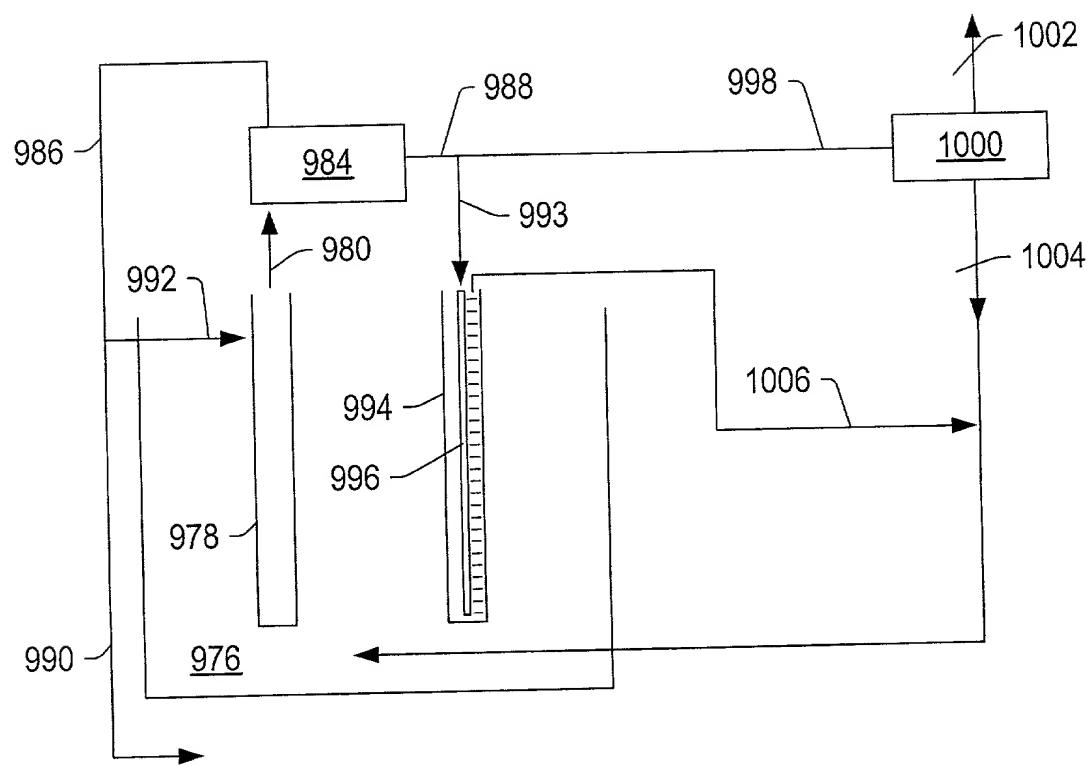


FIG. 35

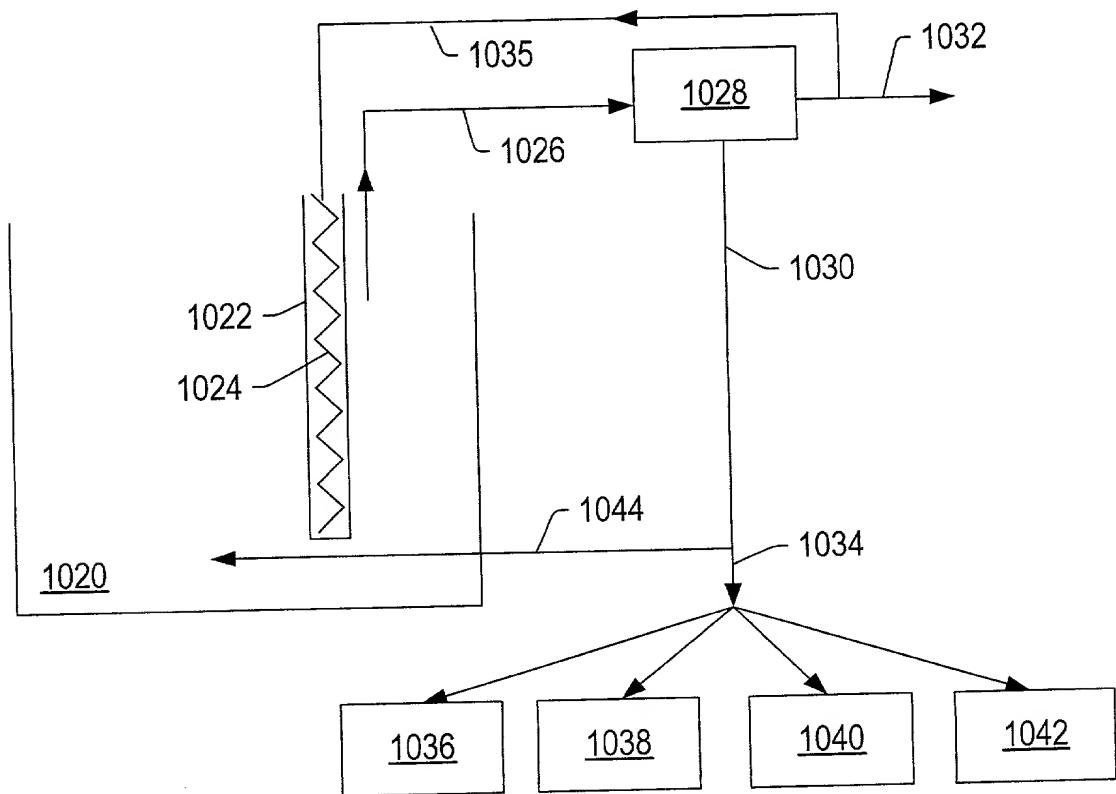
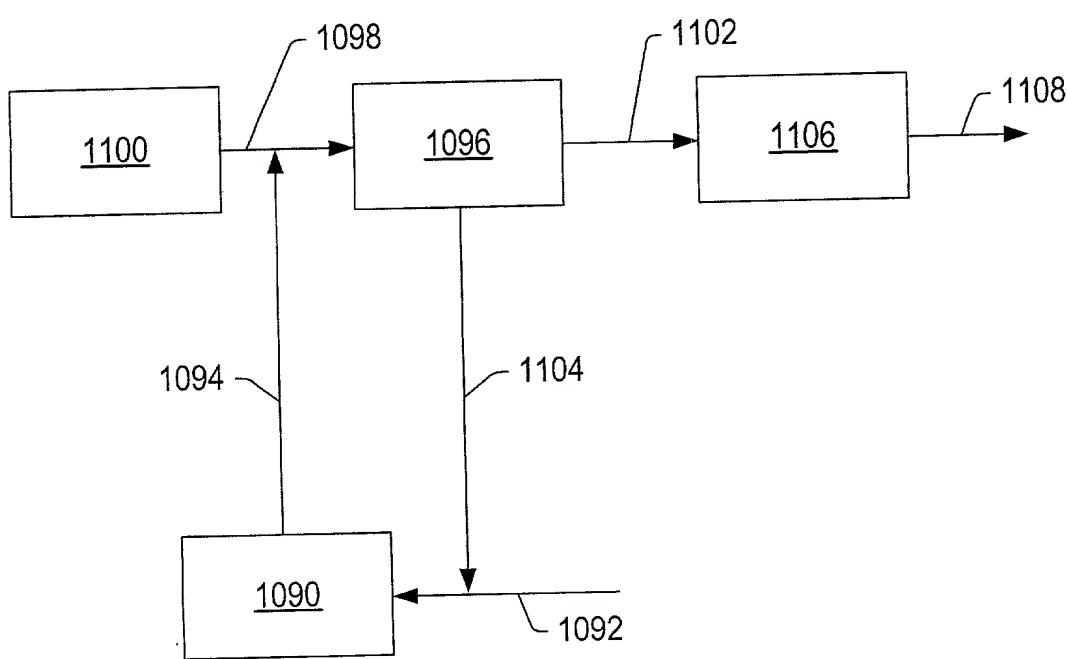
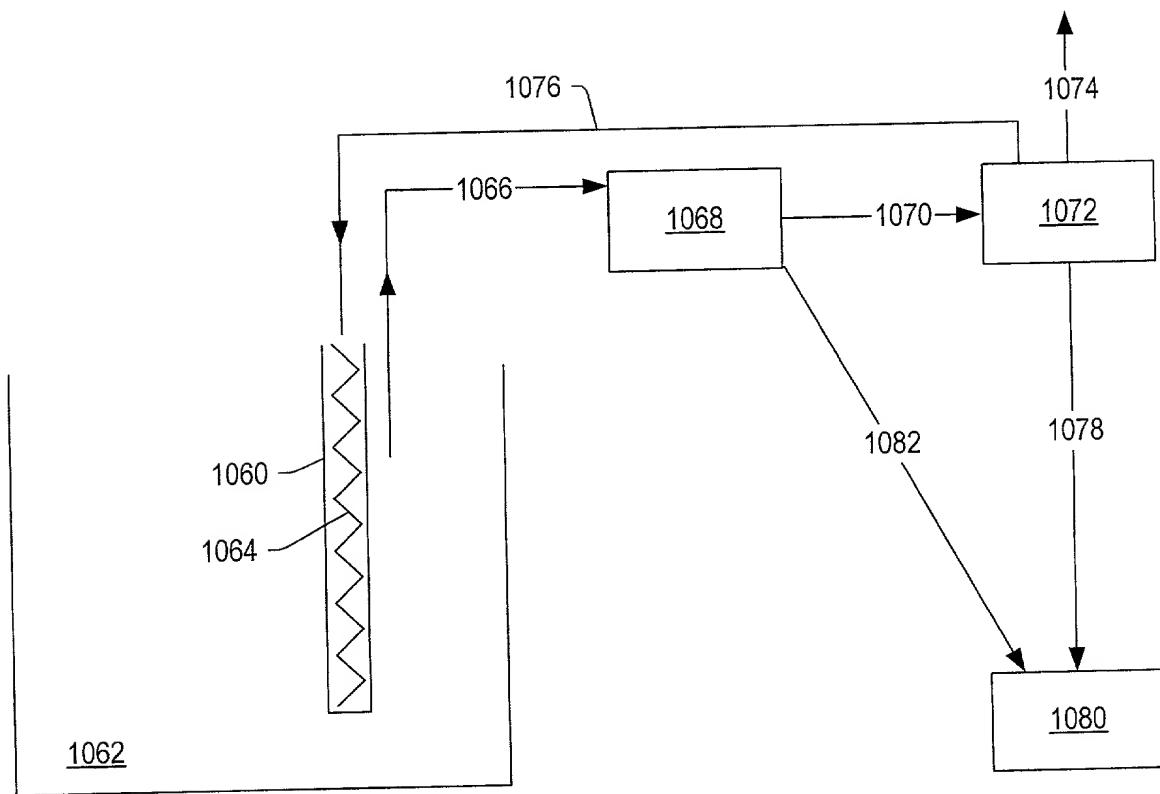


FIG. 36



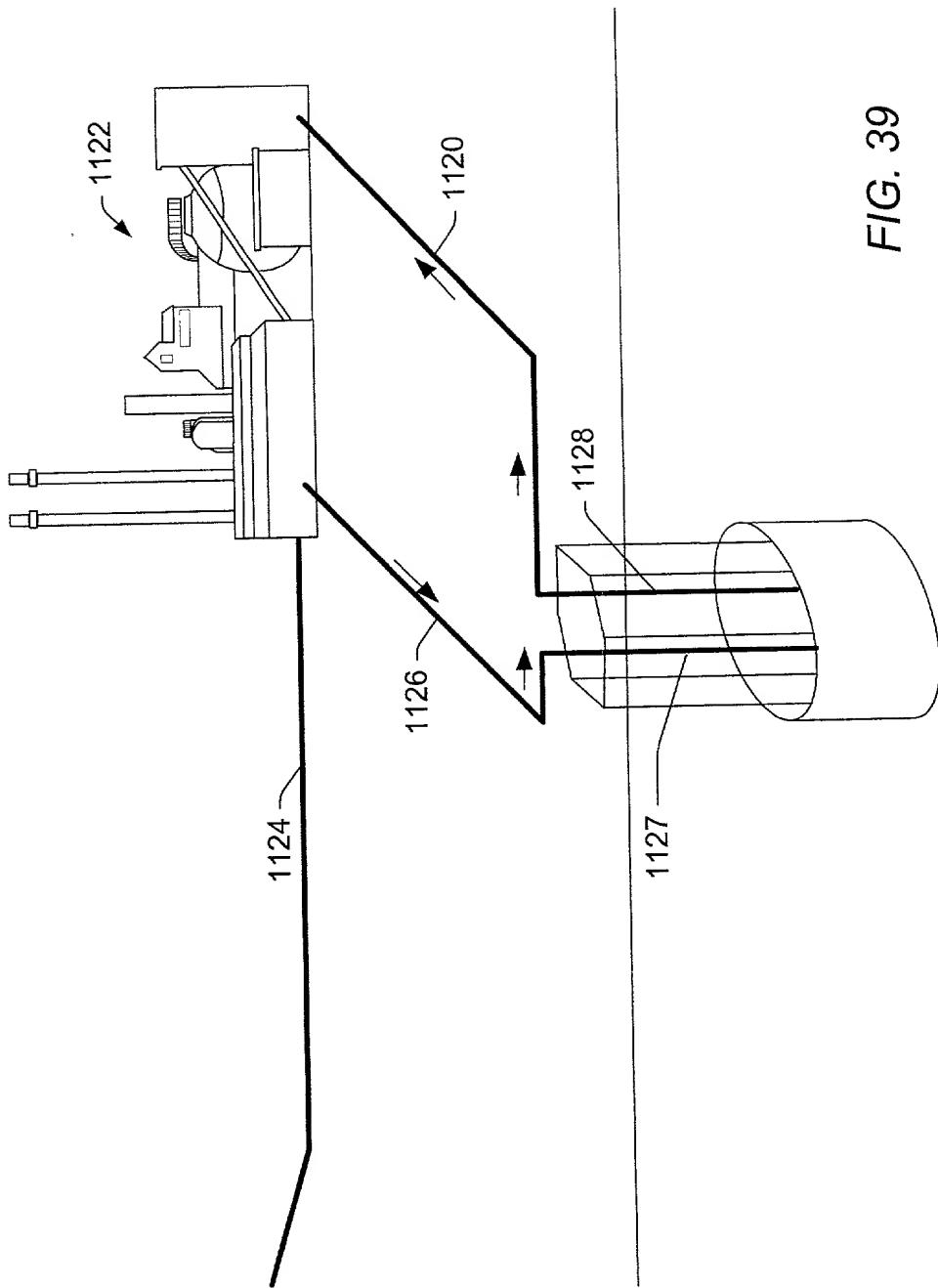
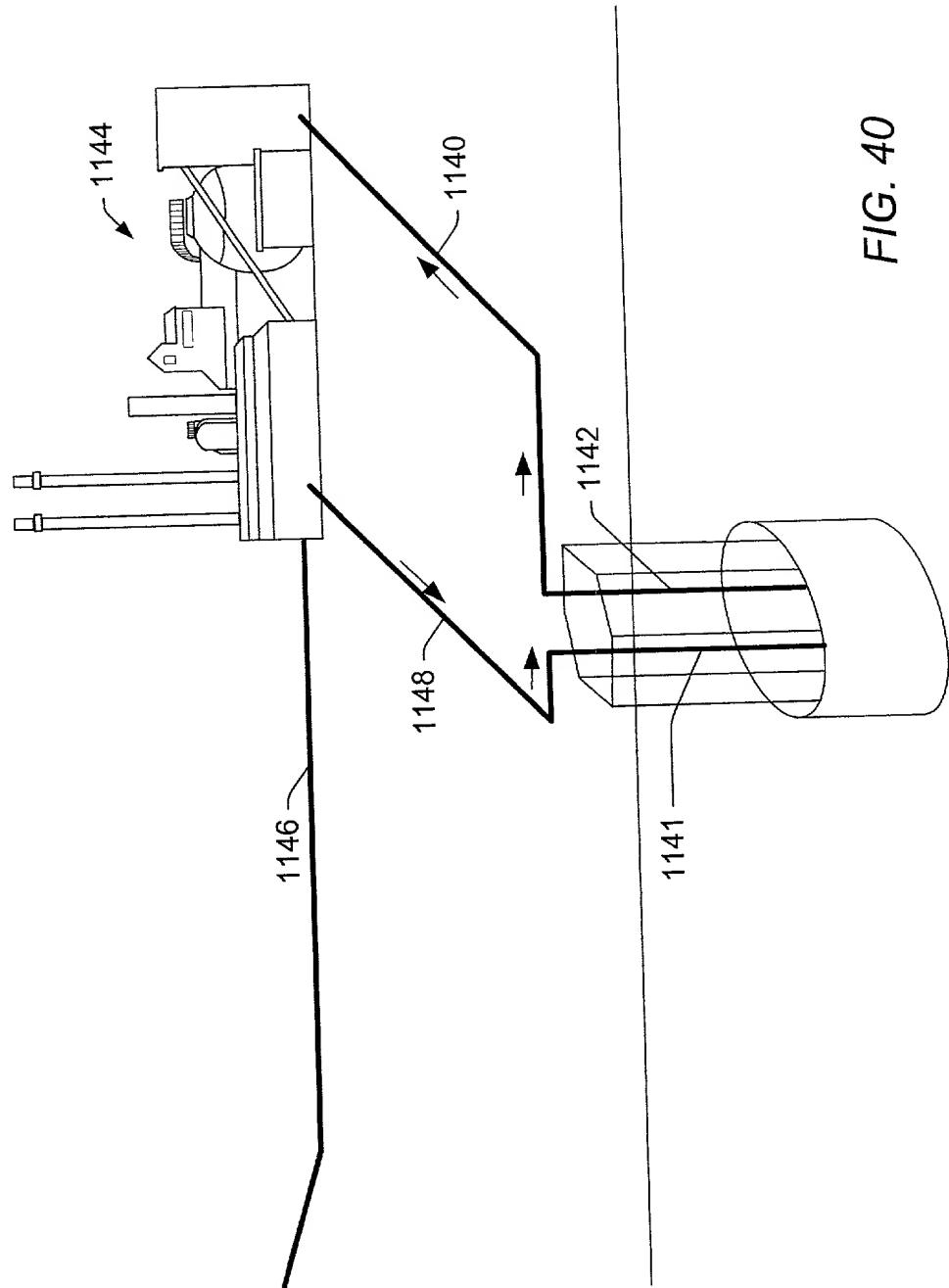


FIG. 39

FIG. 40



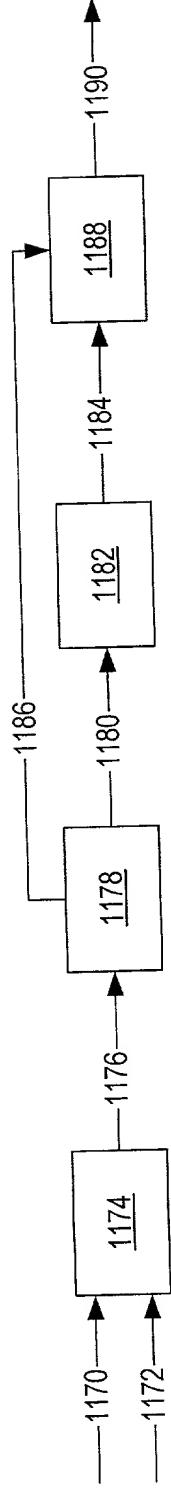


FIG. 41

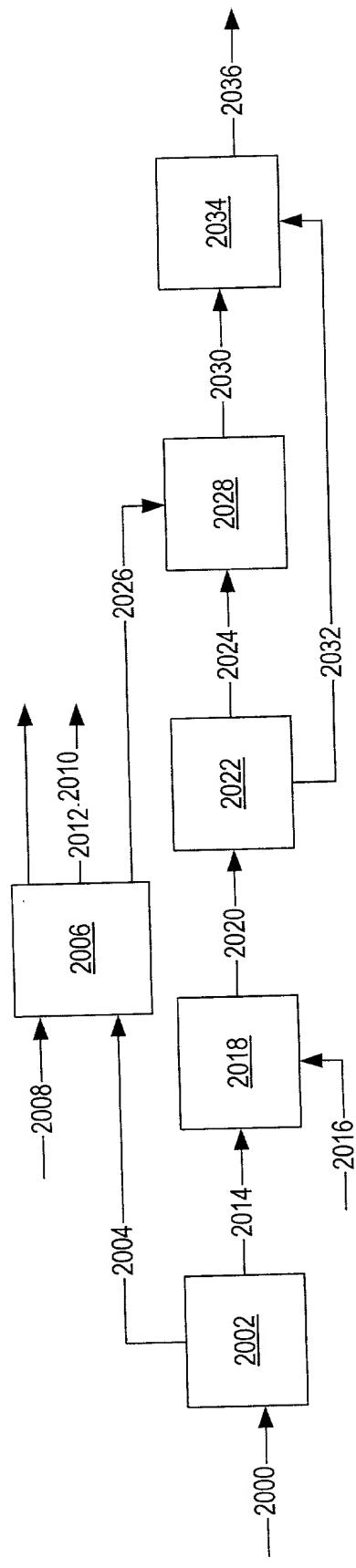


FIG. 42

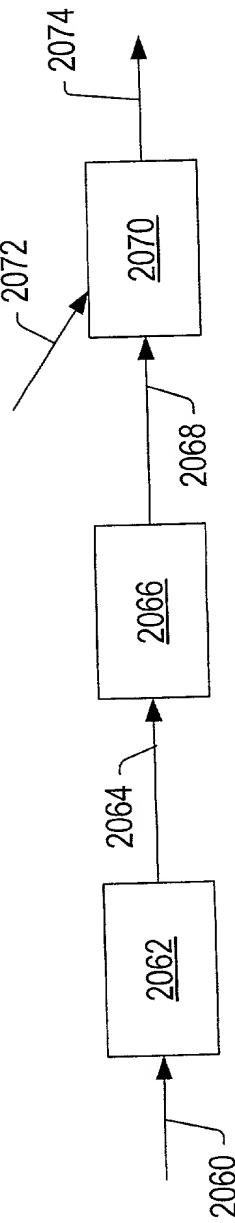


FIG. 43

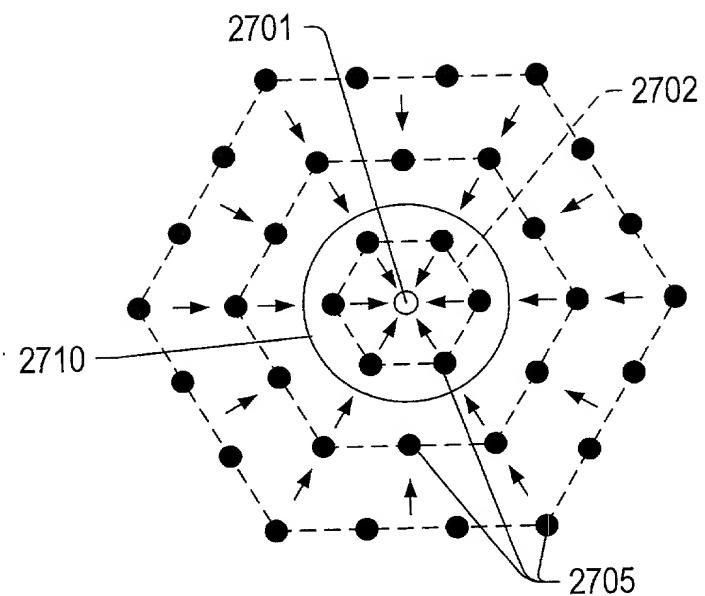


FIG. 44

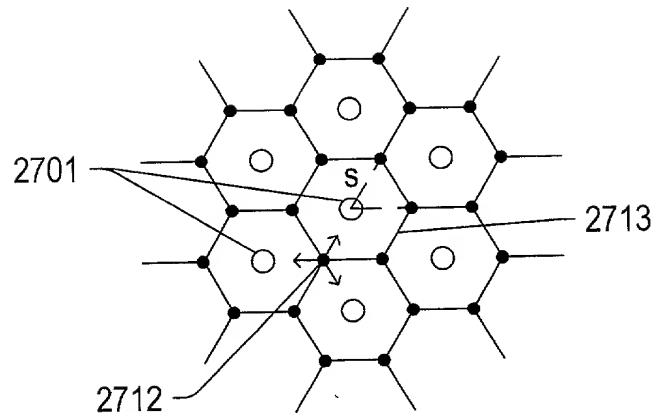


FIG. 45

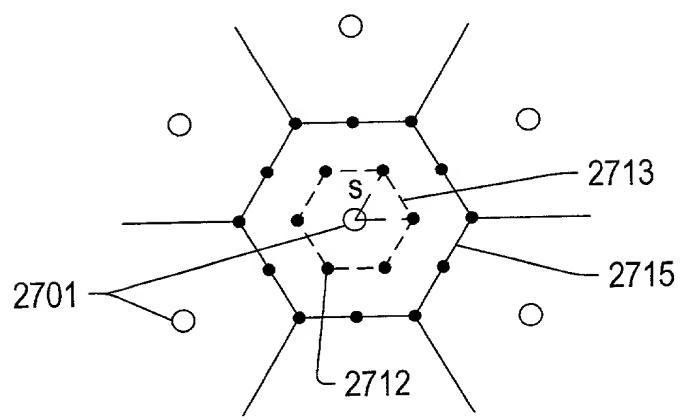


FIG. 46

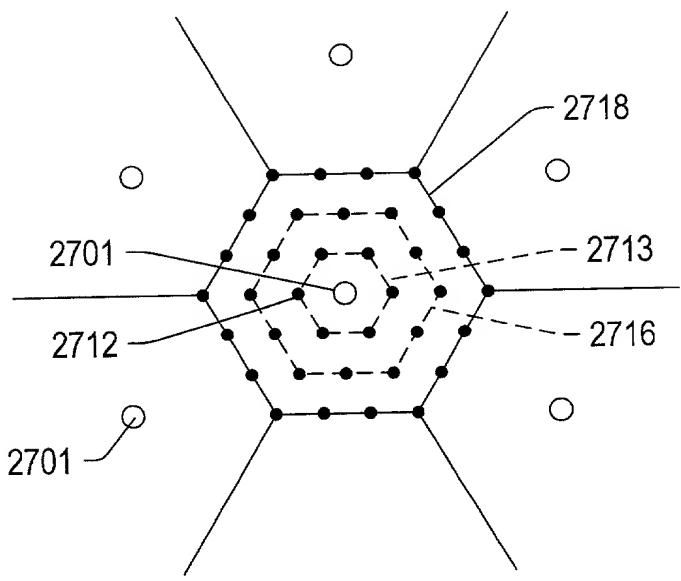


FIG. 47

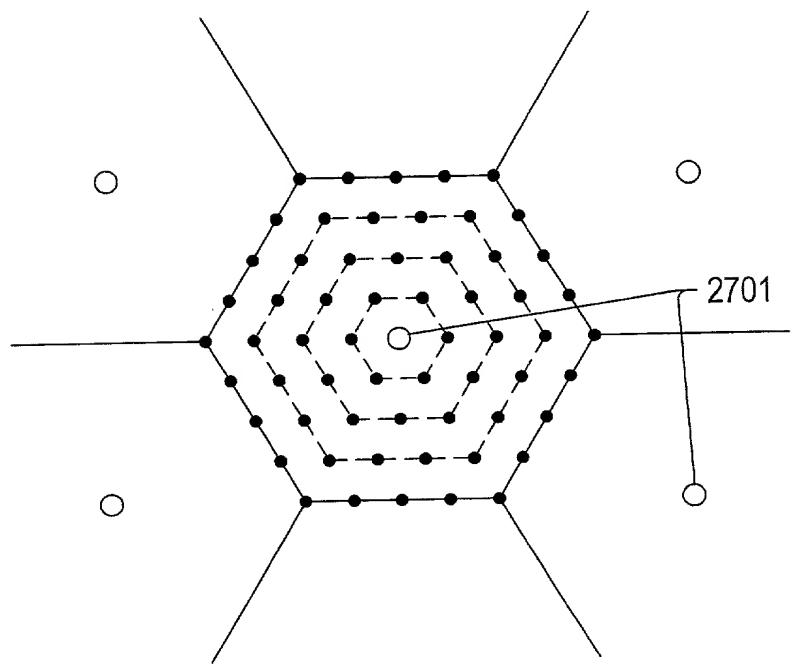


FIG. 48

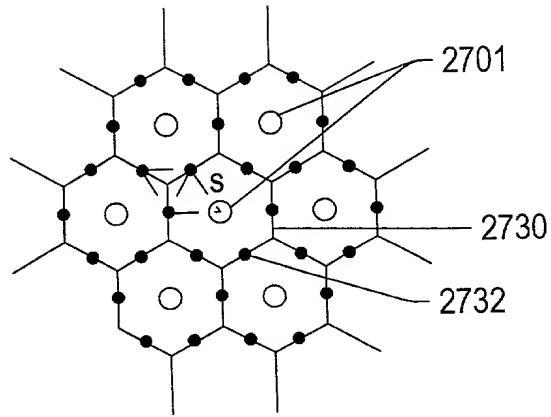


FIG. 49

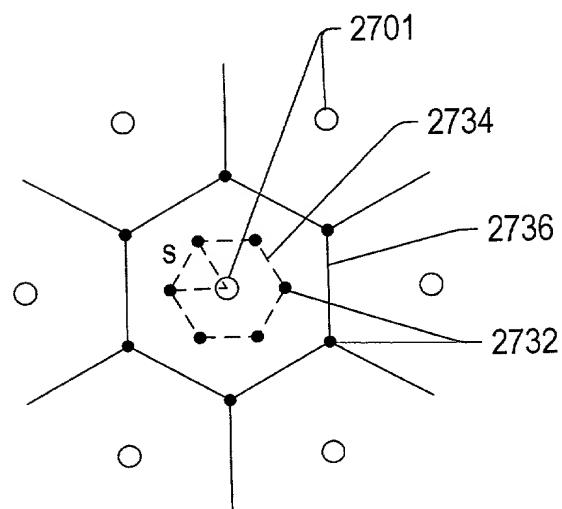


FIG. 50

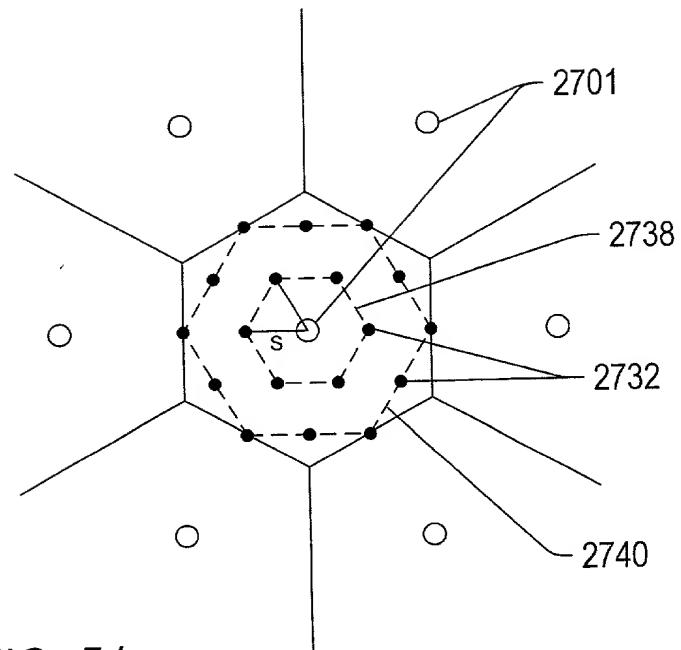


FIG. 51

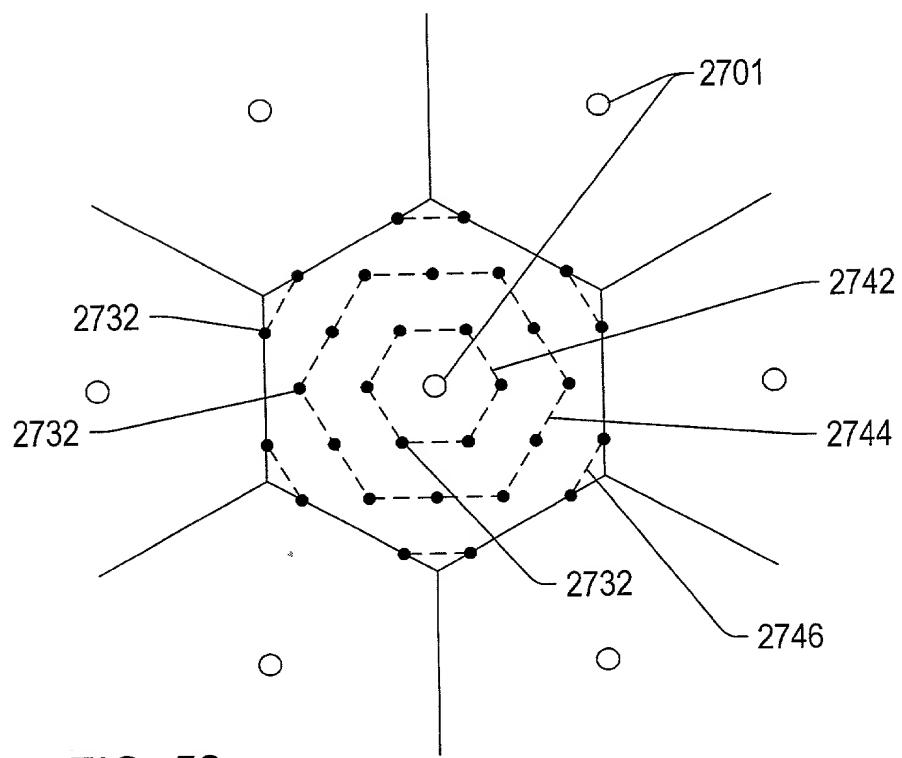


FIG. 52

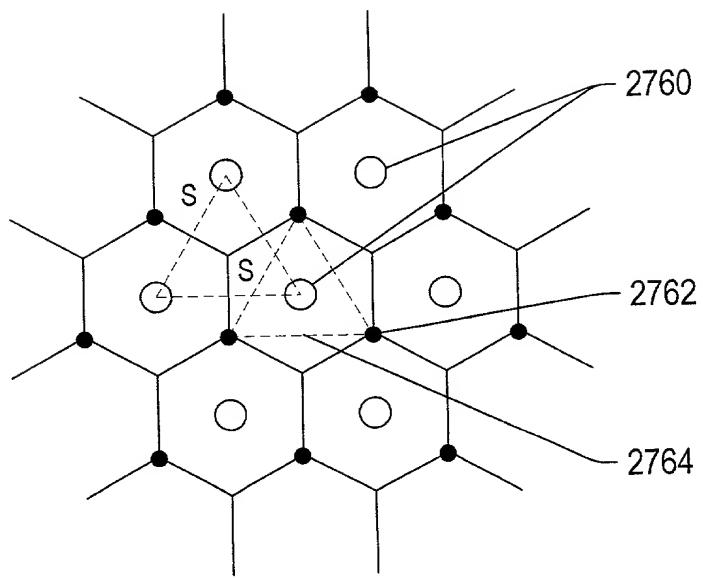


FIG. 53

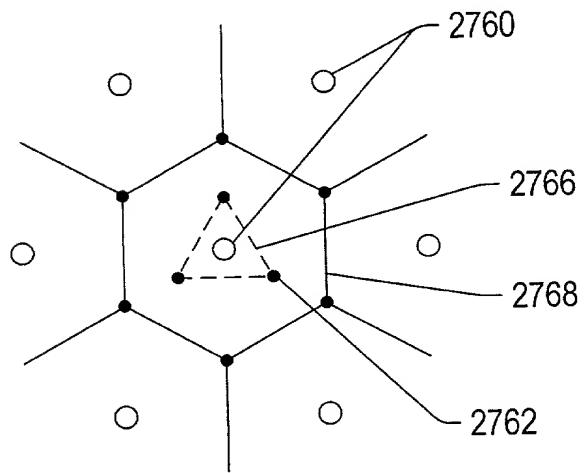


FIG. 54

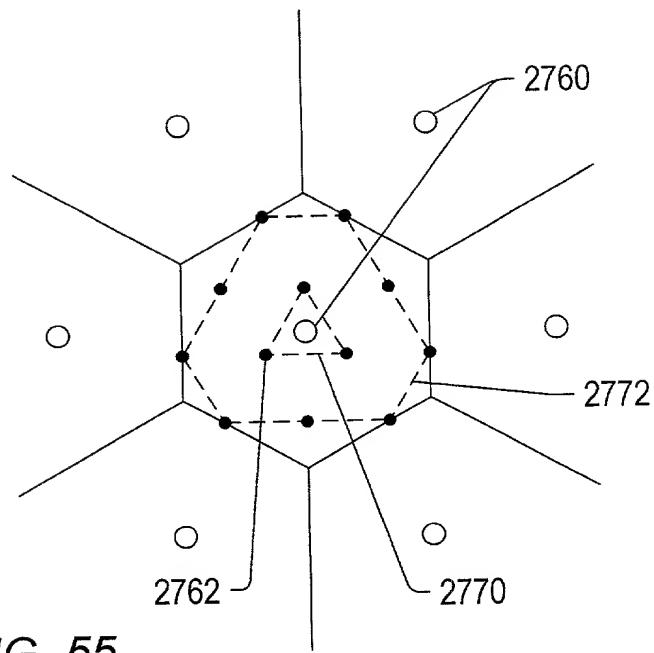


FIG. 55

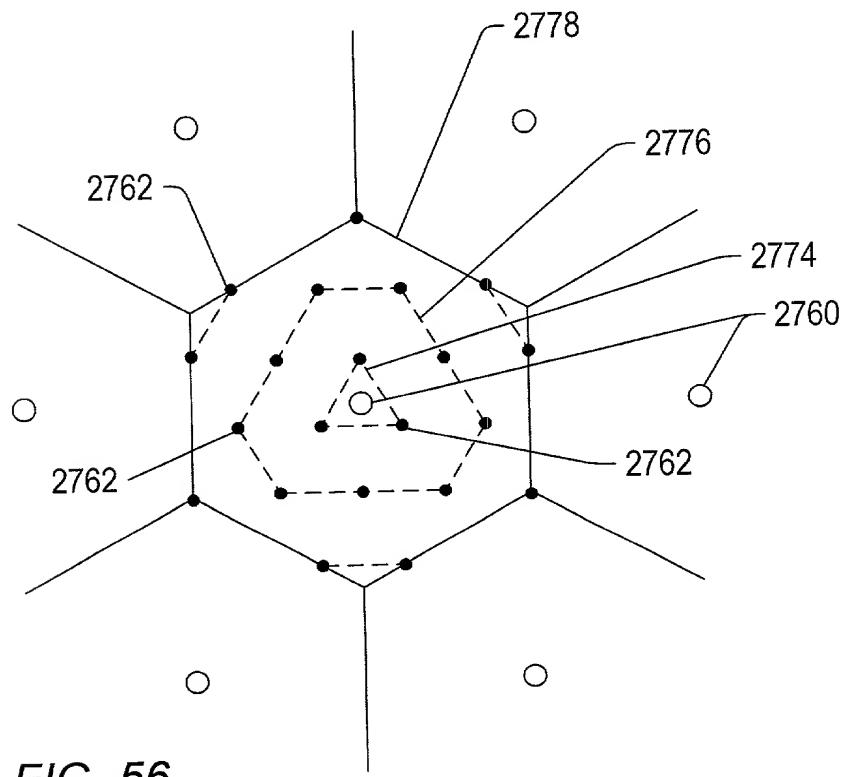


FIG. 56

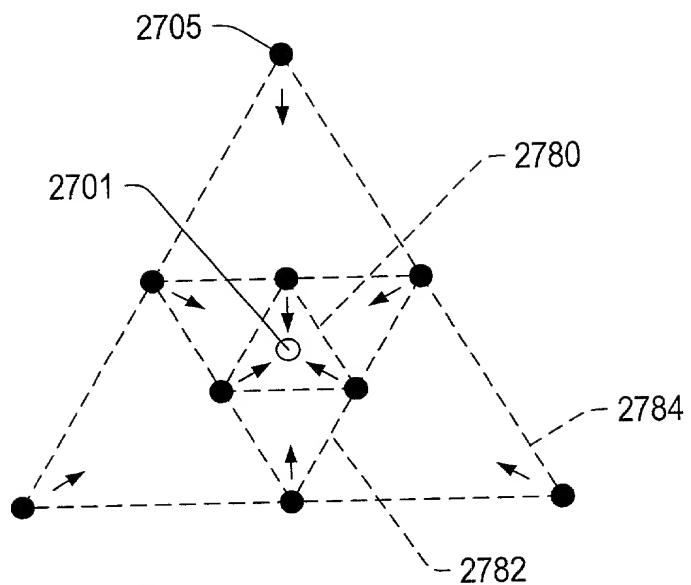


FIG. 57

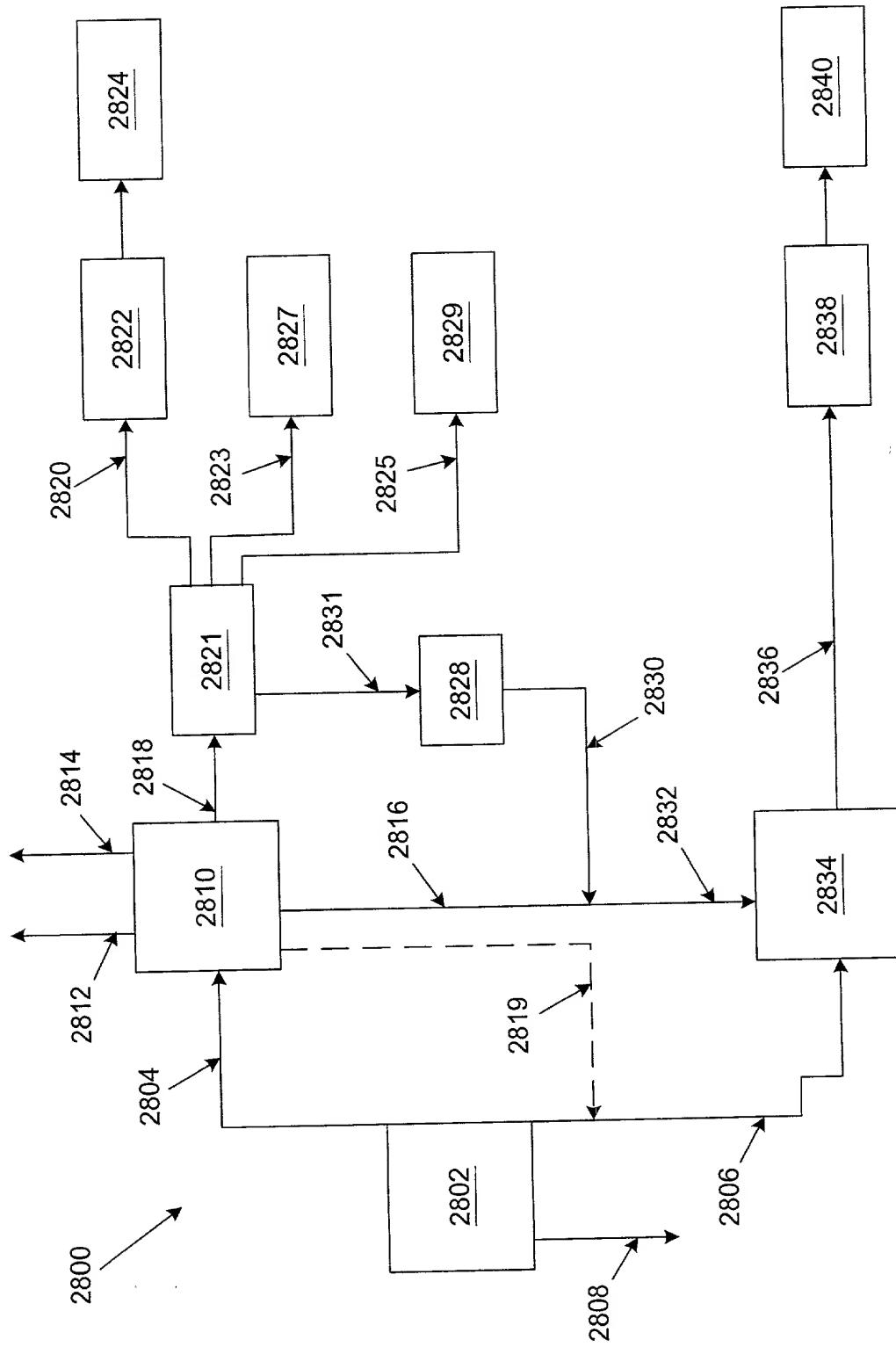


Fig. 58

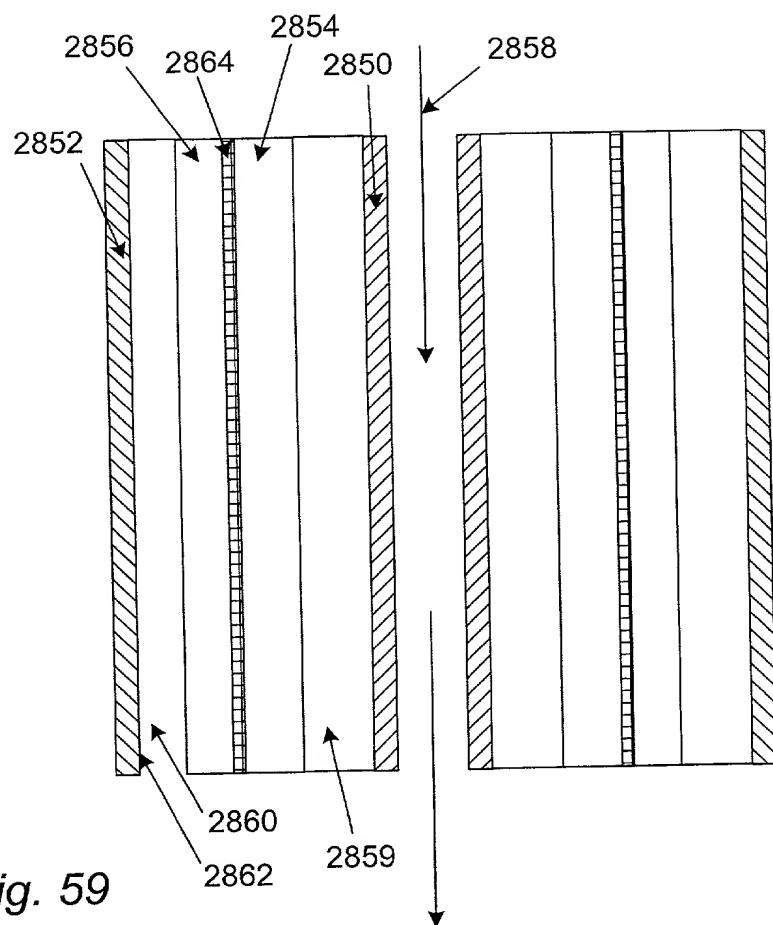


Fig. 59

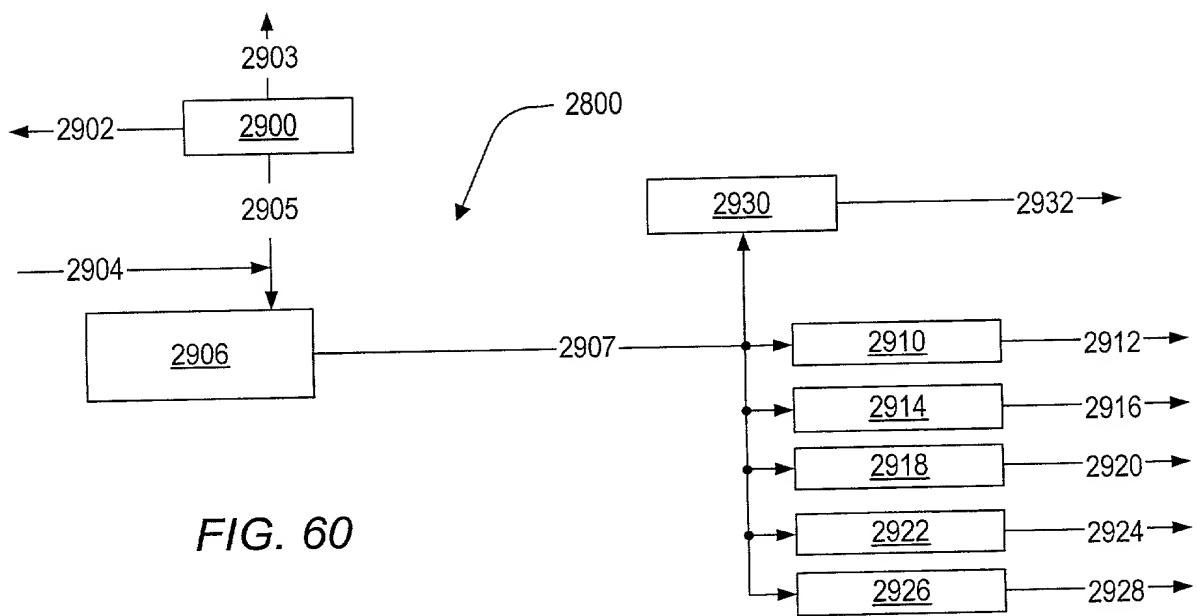
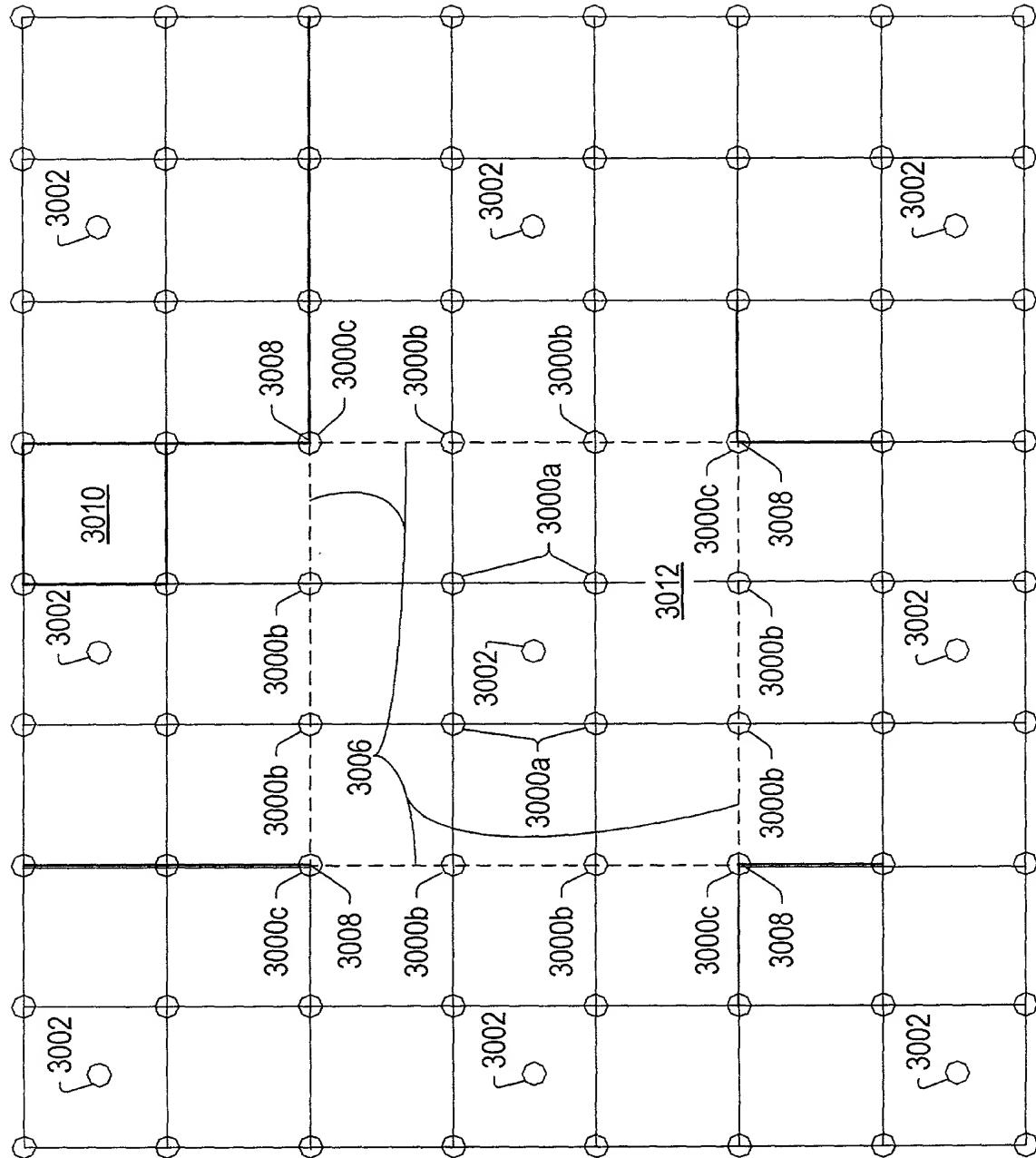


FIG. 60

FIG. 61



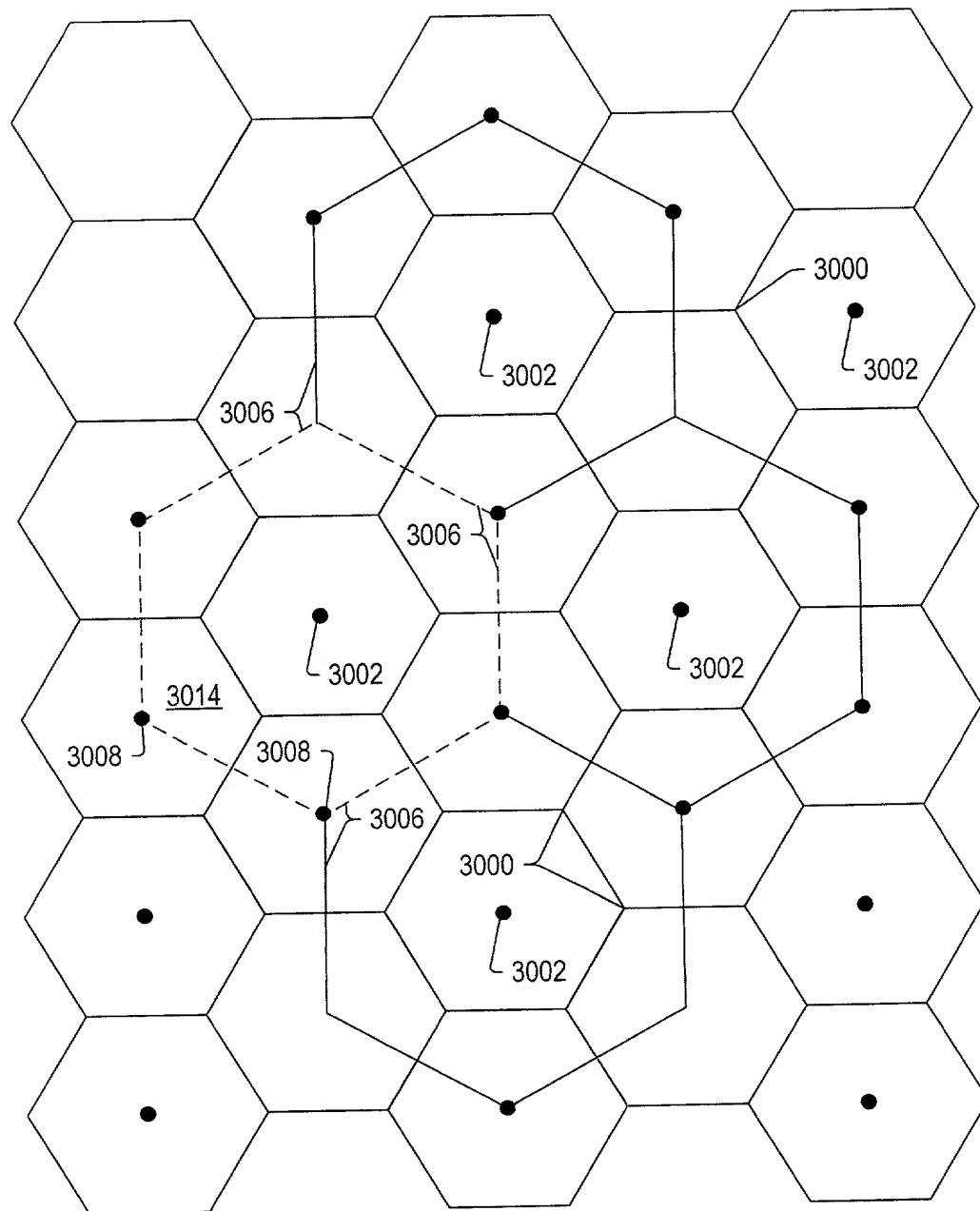


FIG. 62

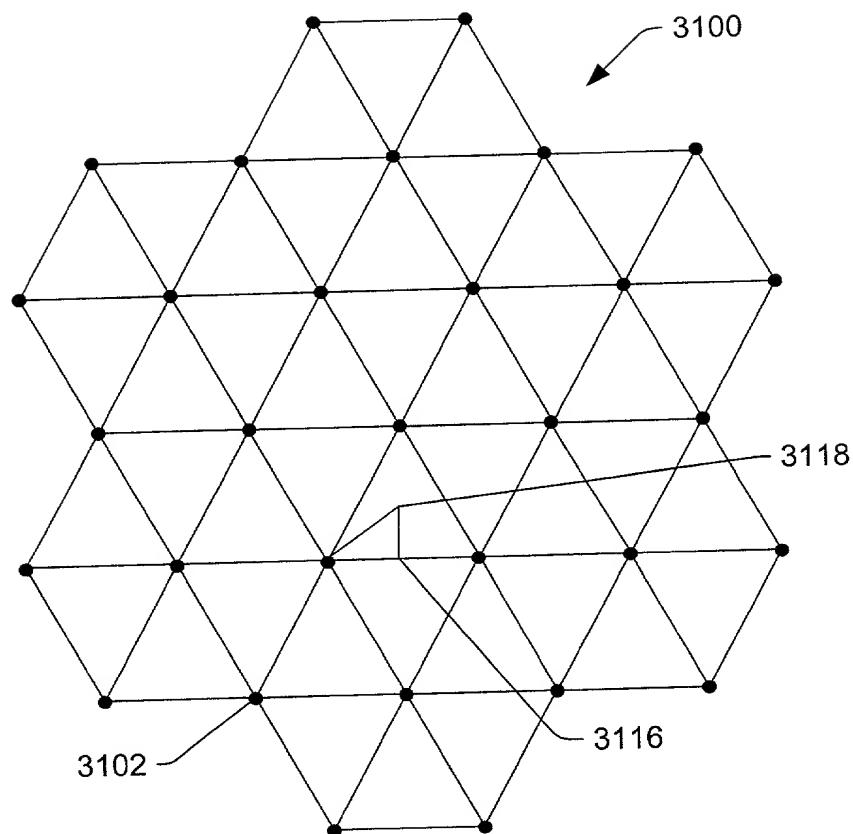


FIG. 63

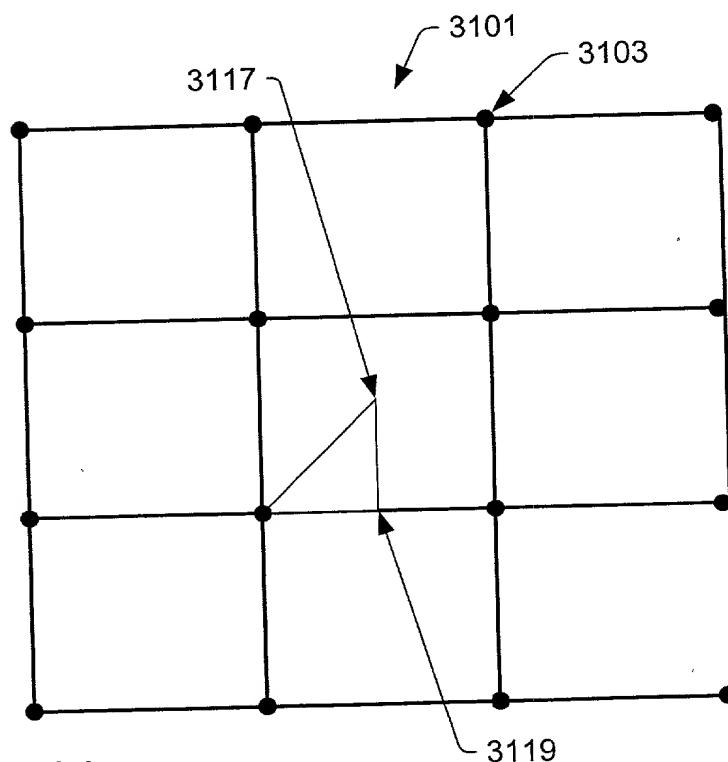


FIG. 64

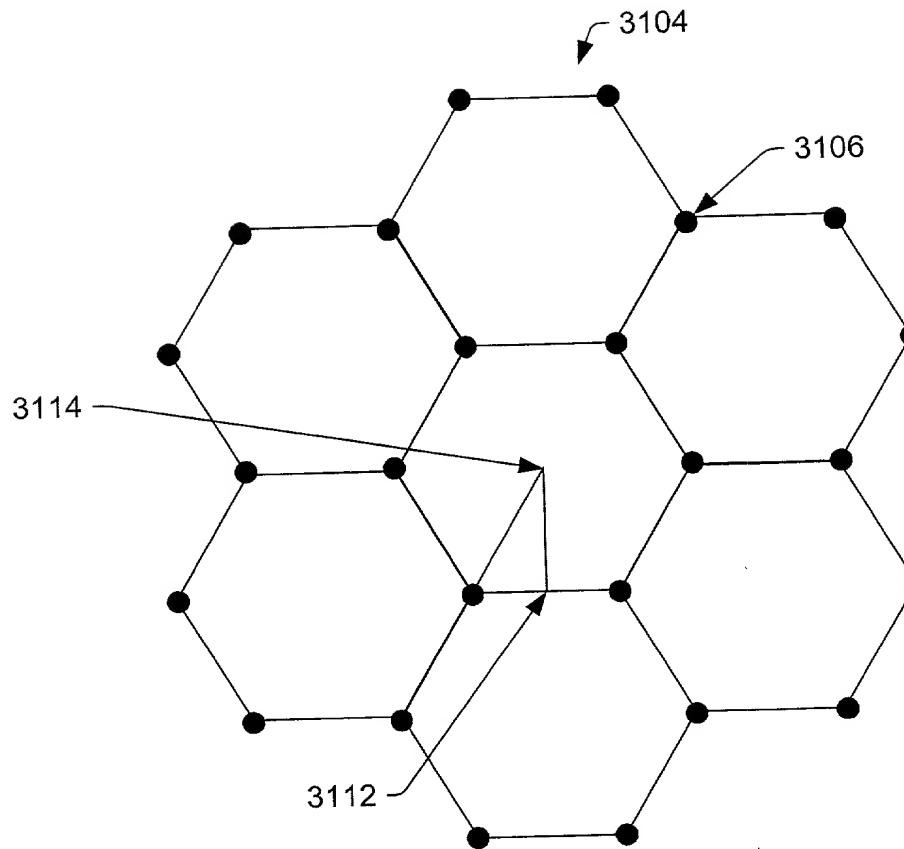


FIG. 65

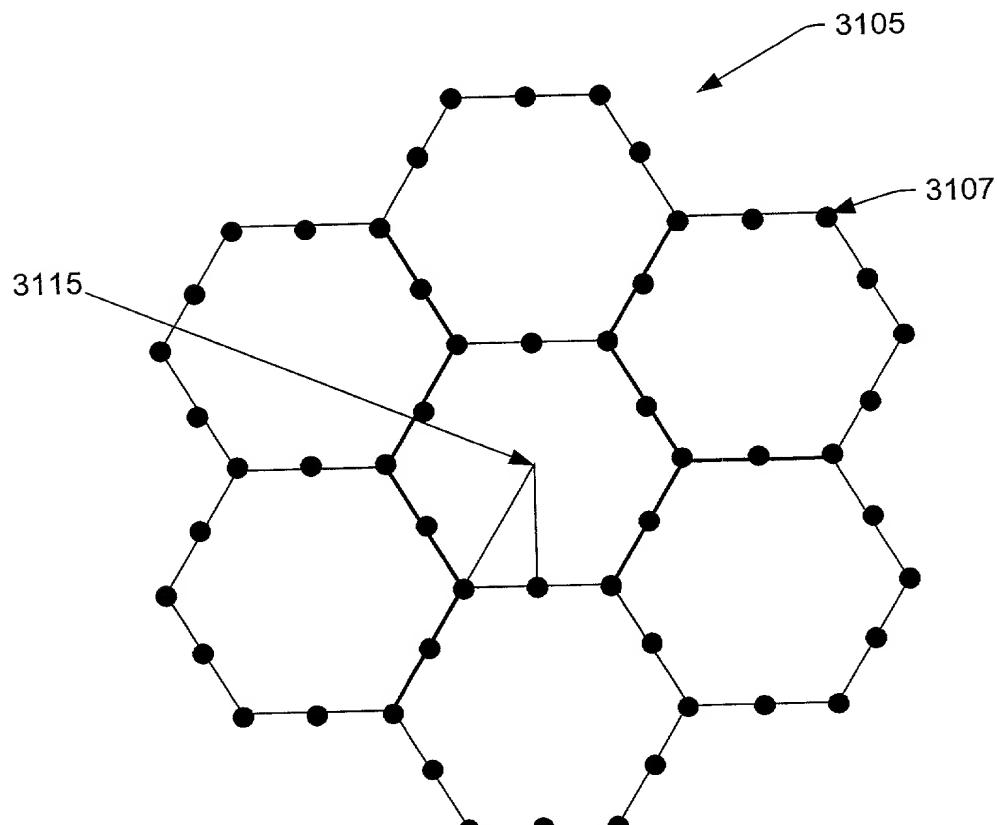


FIG. 66

FIG. 67

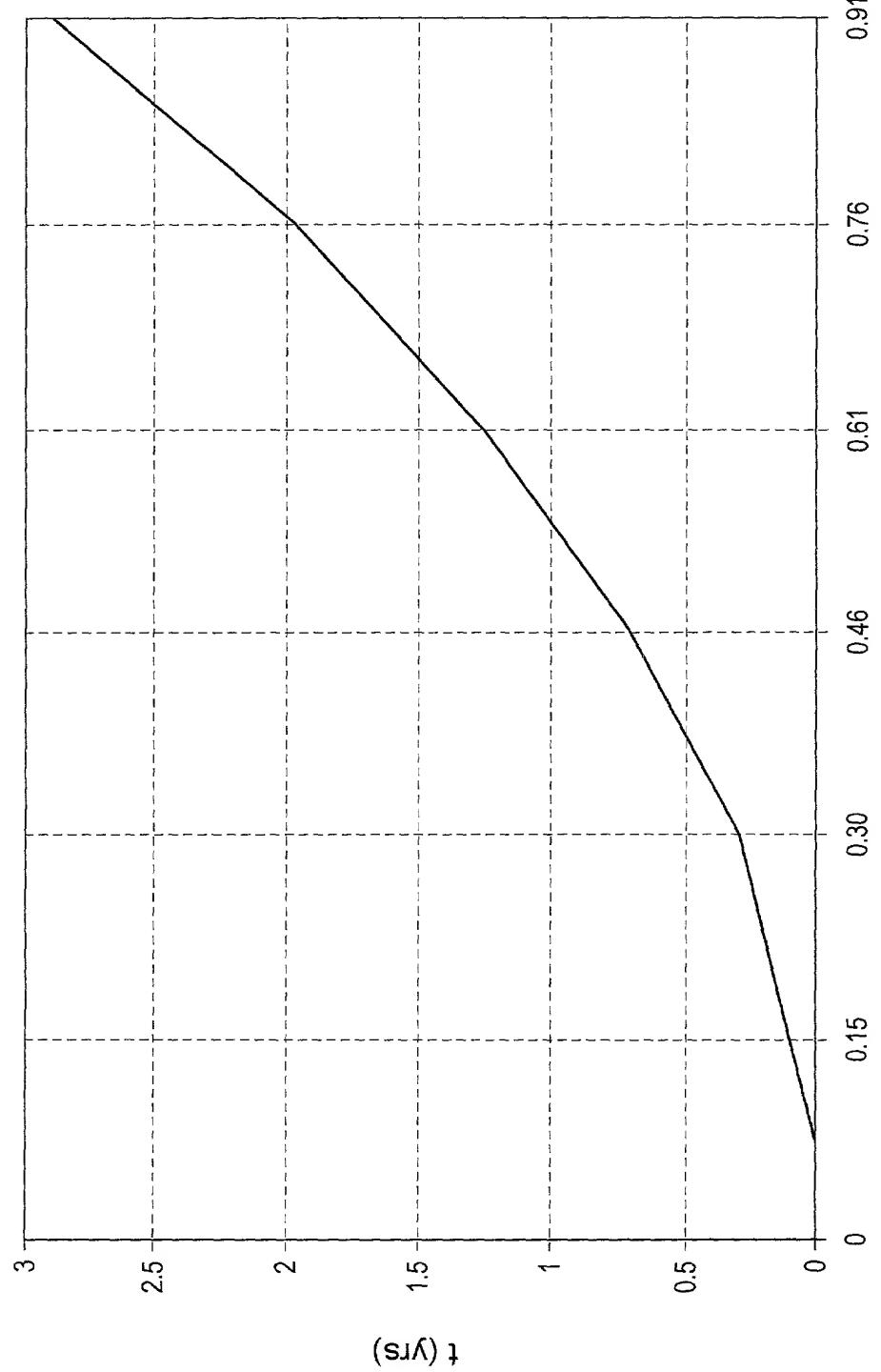


FIG. 68

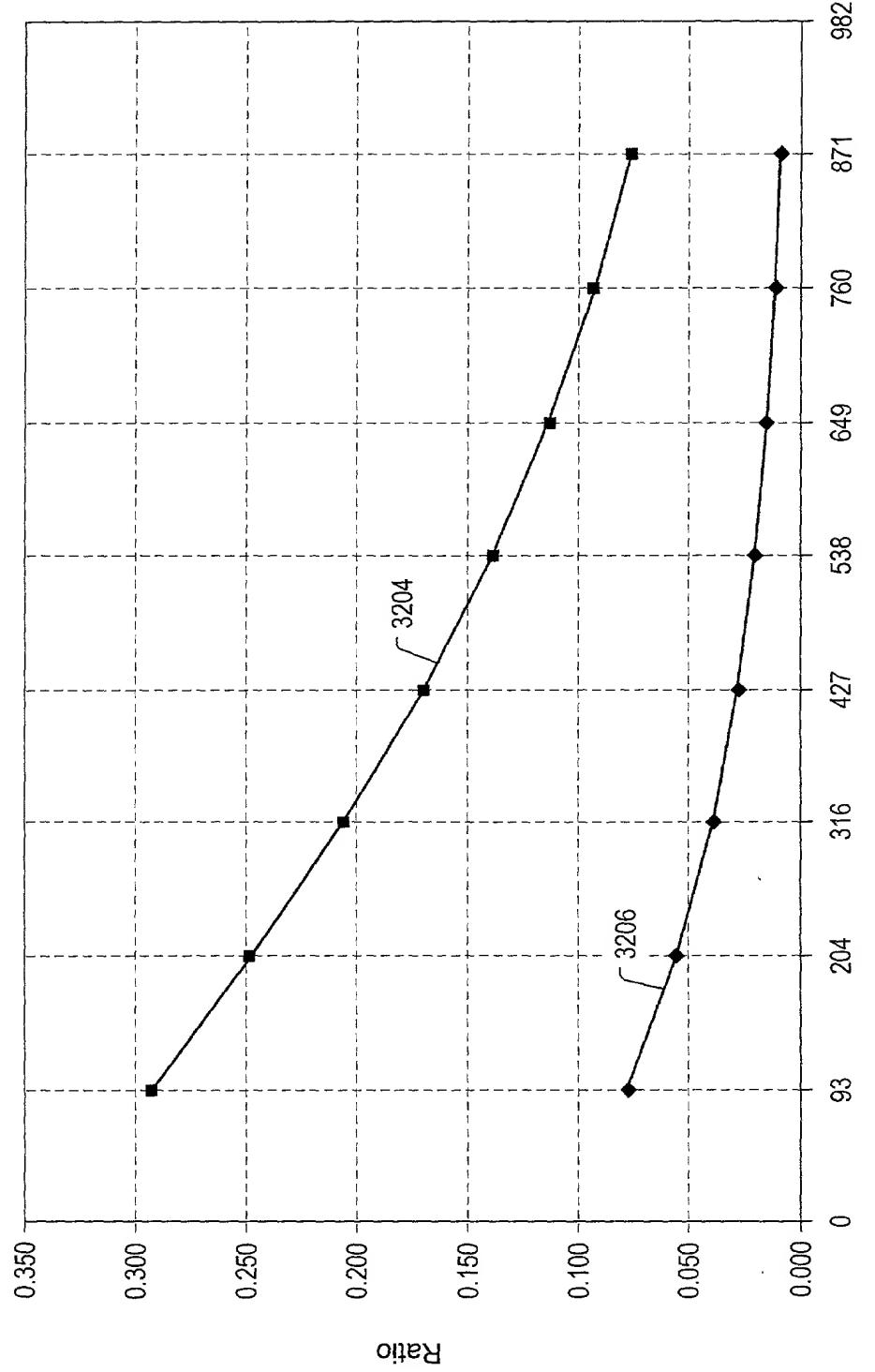
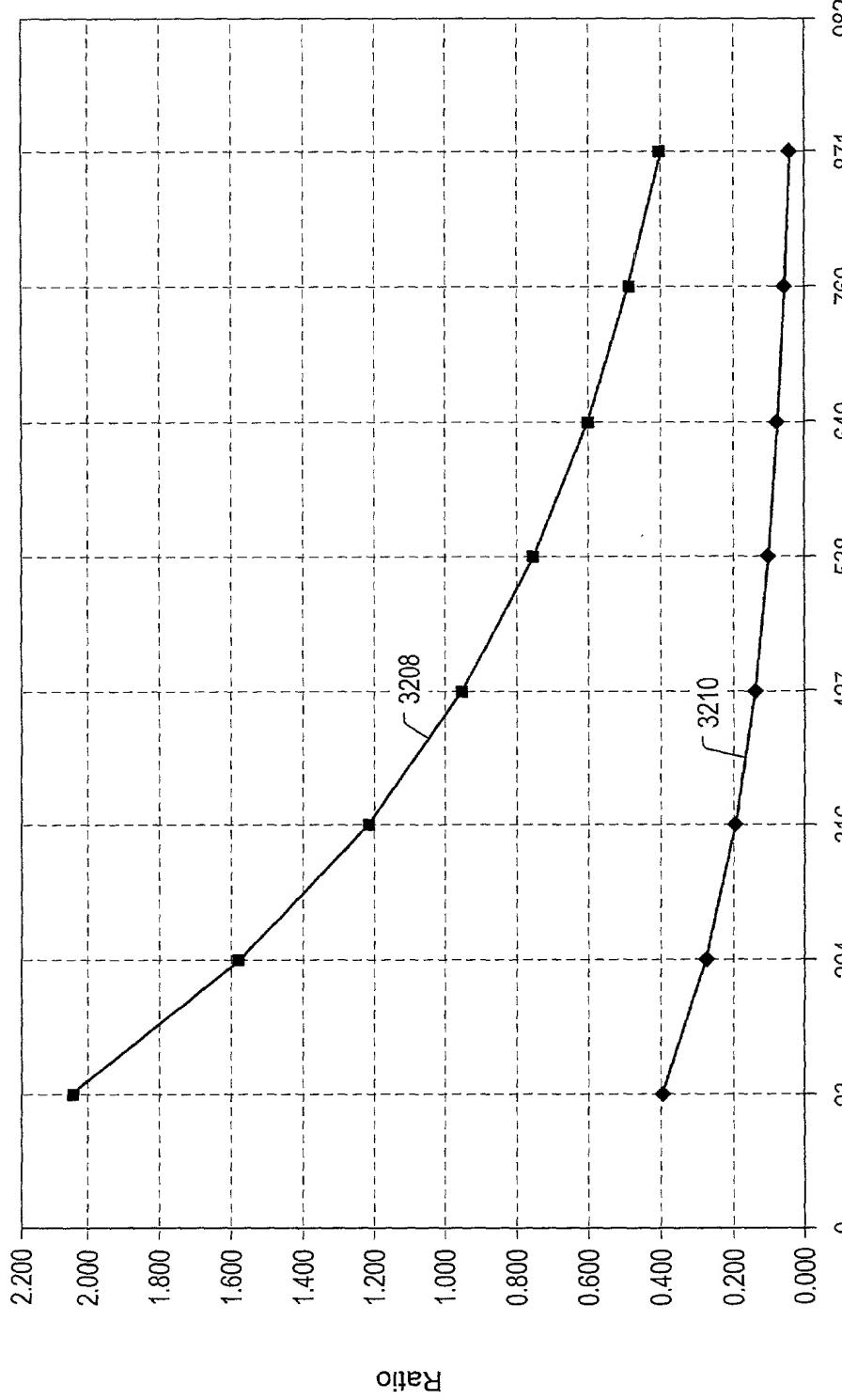


FIG. 69



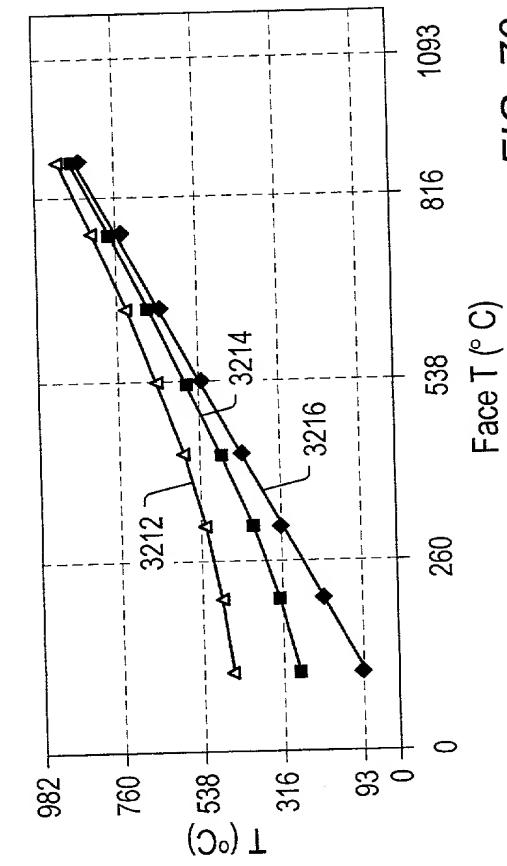


FIG. 70

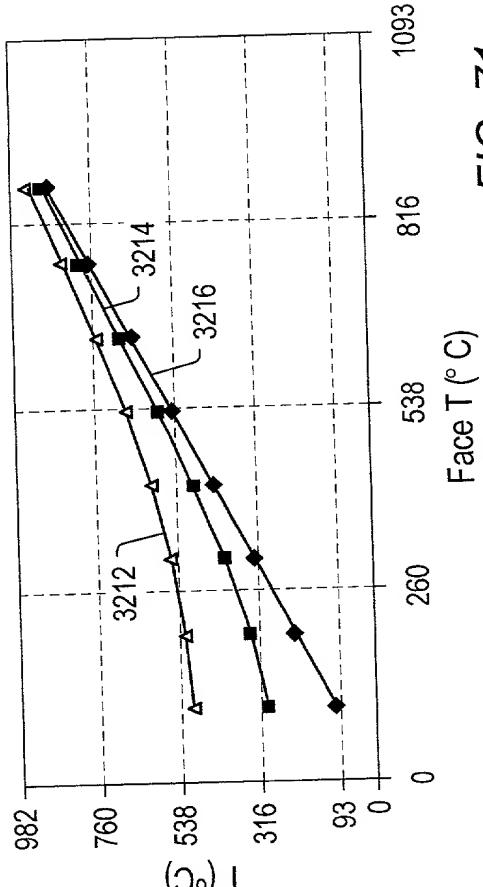


FIG. 71

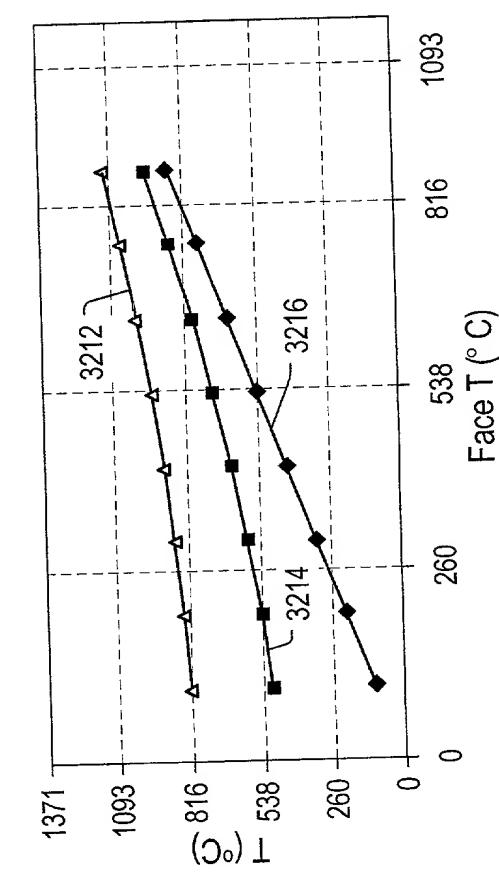


FIG. 72

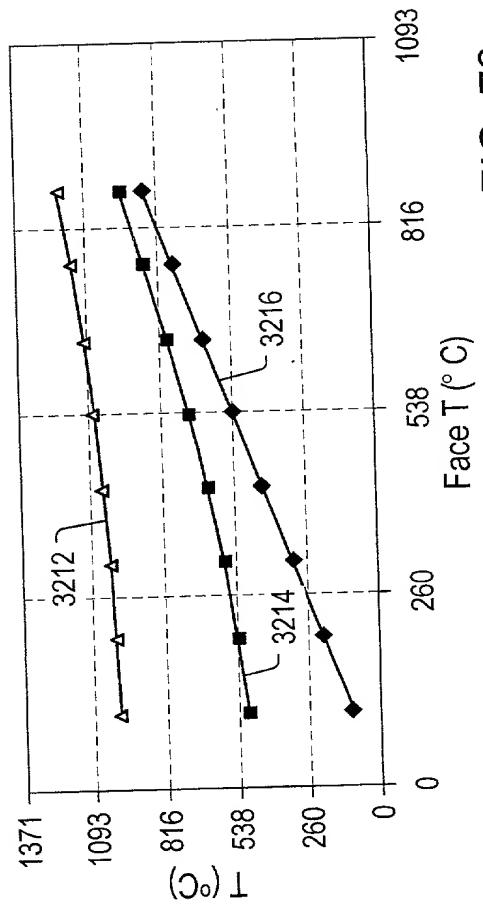


FIG. 73

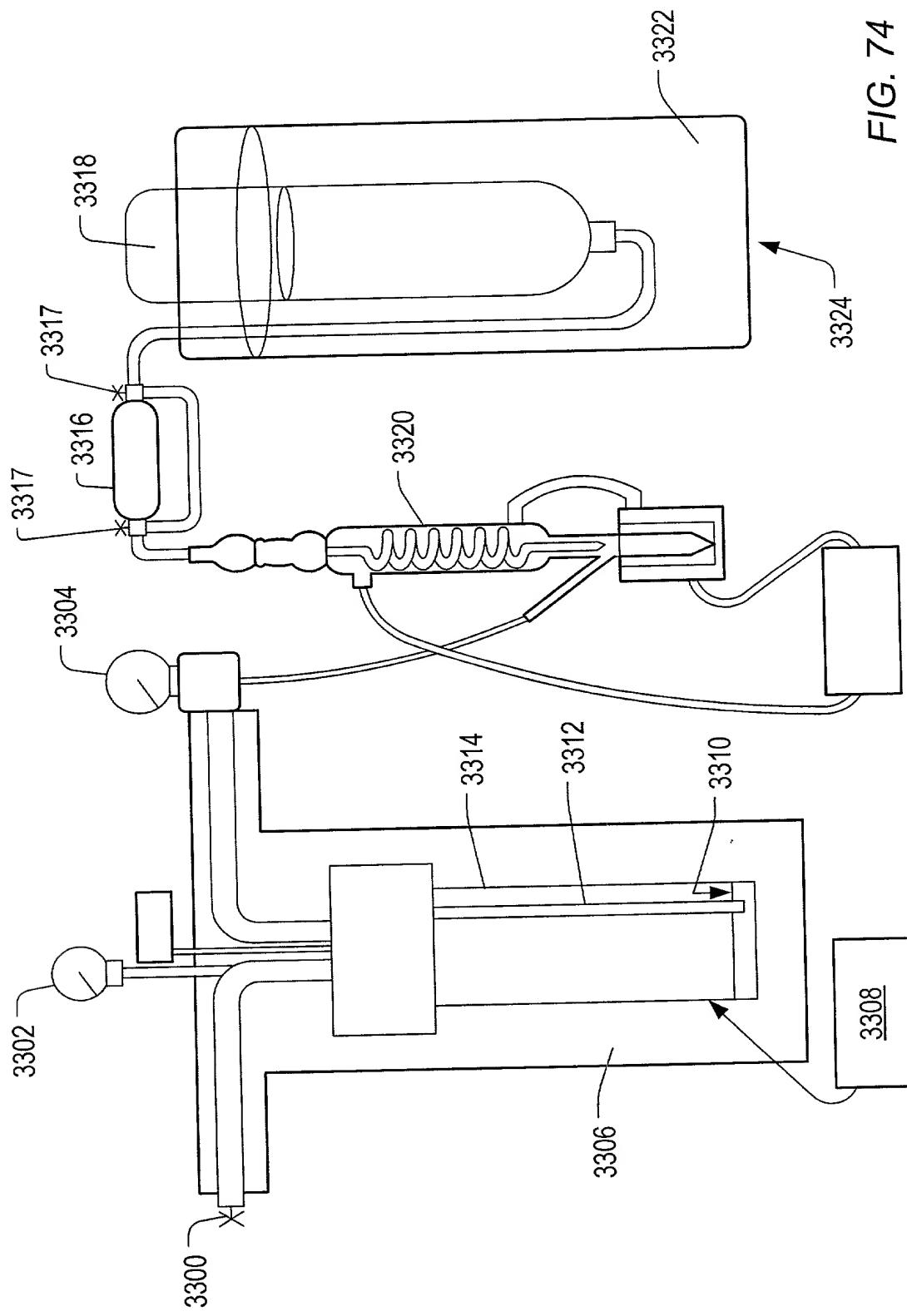


FIG. 74

FIG. 75

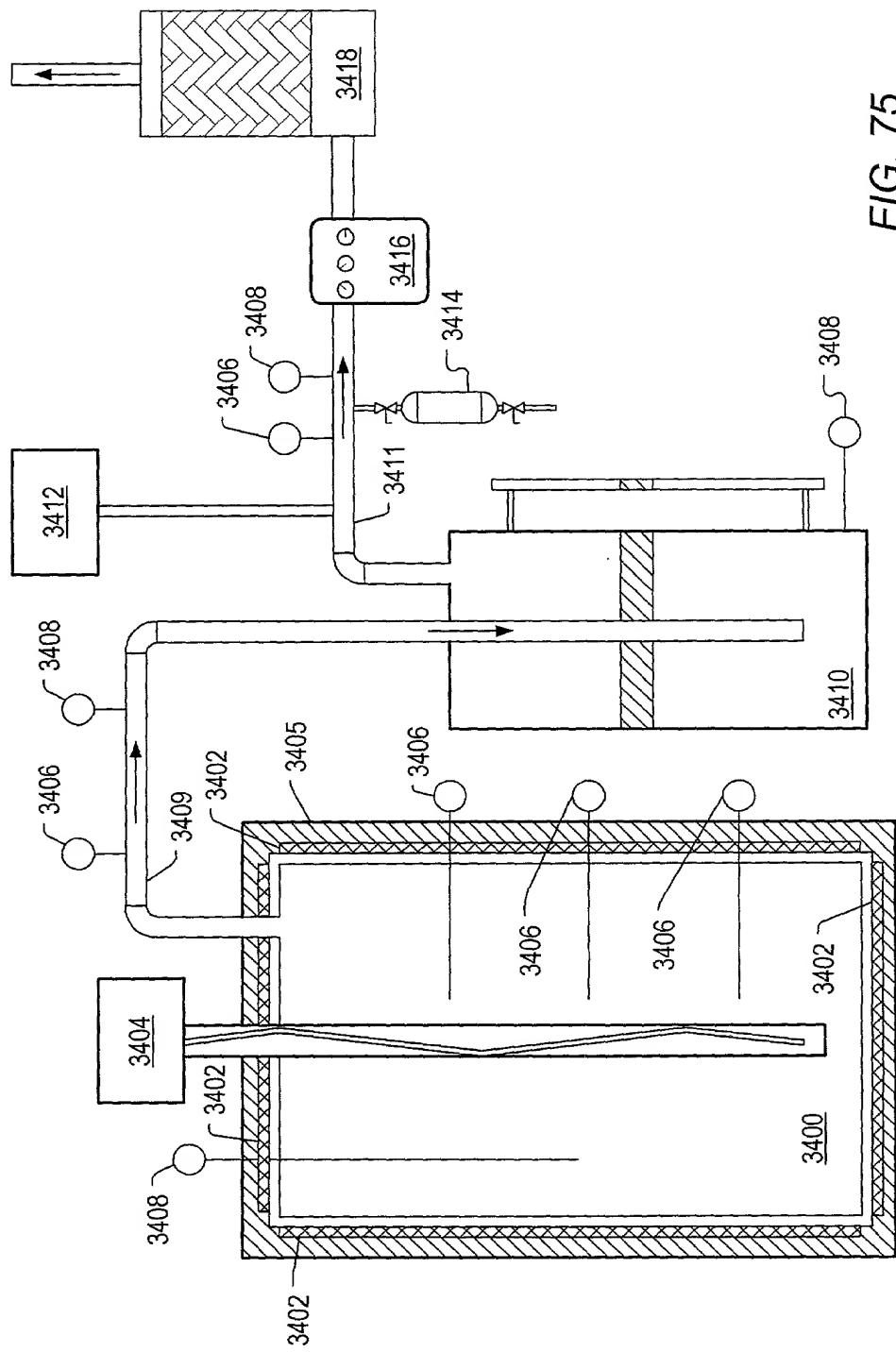
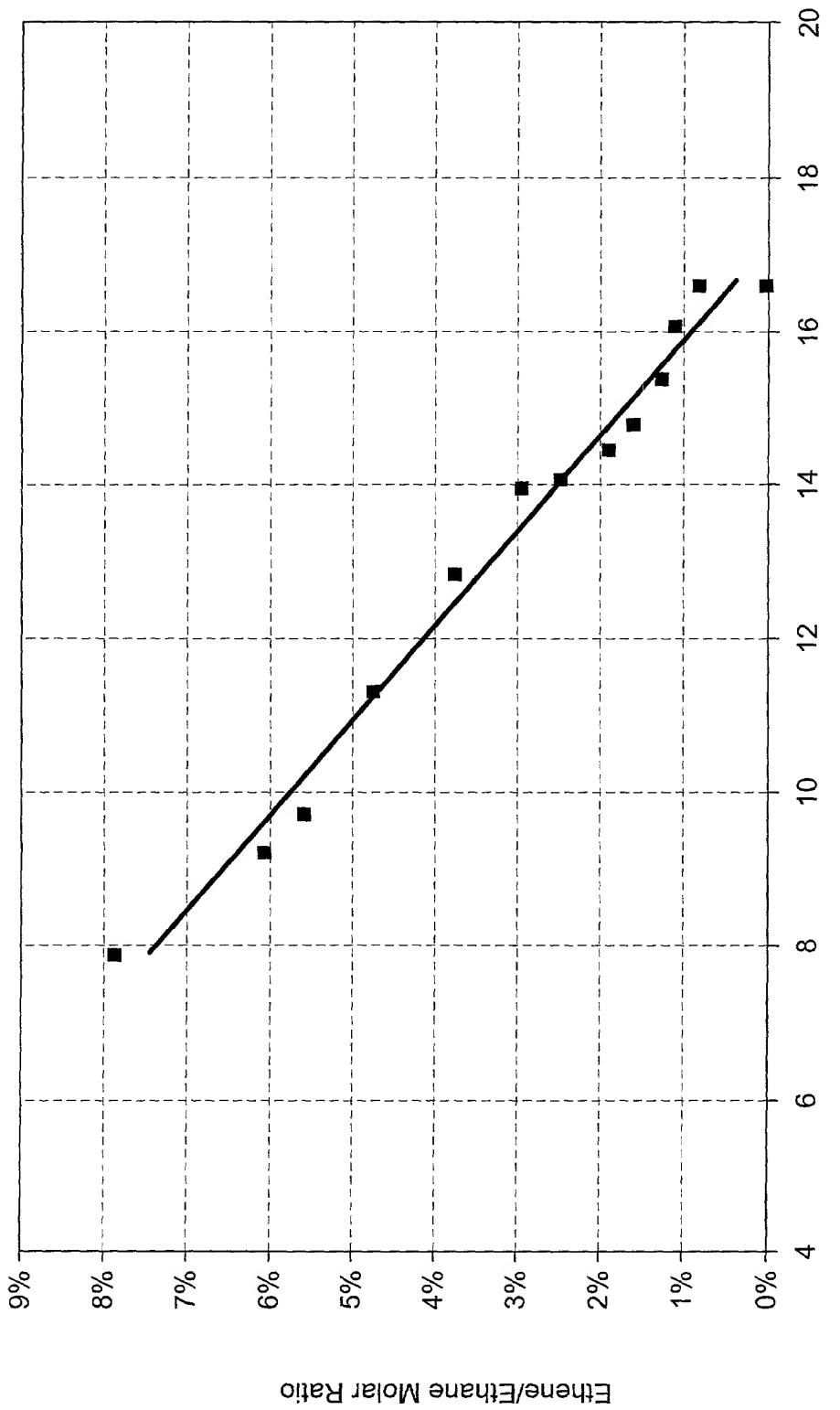


FIG. 76
H₂ Concentration (mol%)



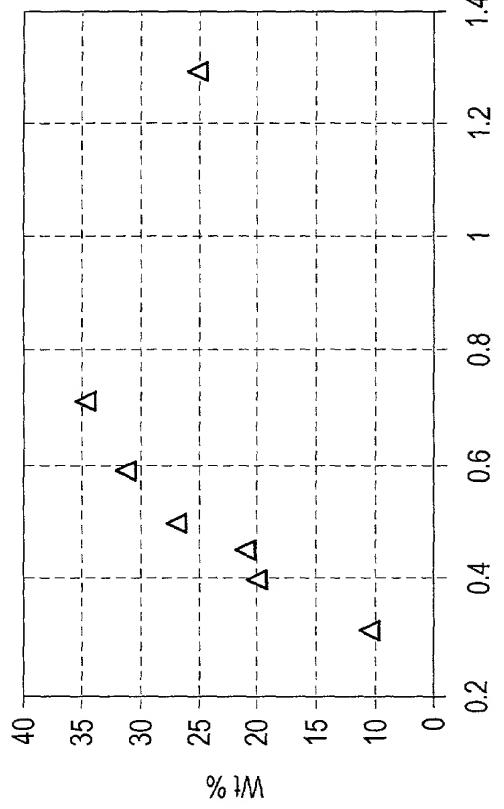


FIG. 77

Vitritine Reflectance (%)

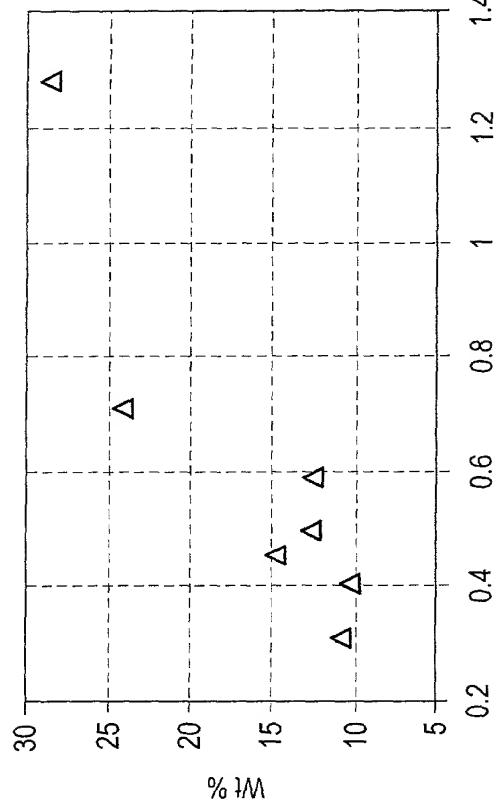


FIG. 78

Vitritine Reflectance (%)

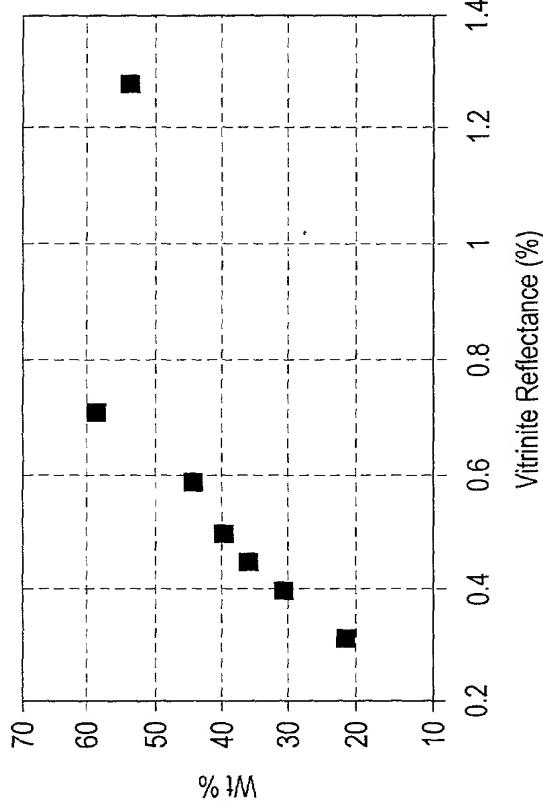


FIG. 79

Vitritine Reflectance (%)

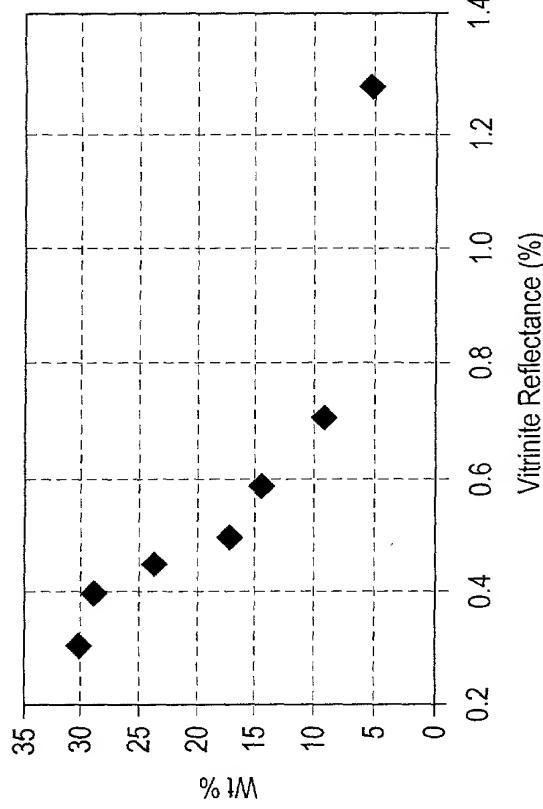


FIG. 80

Vitritine Reflectance (%)

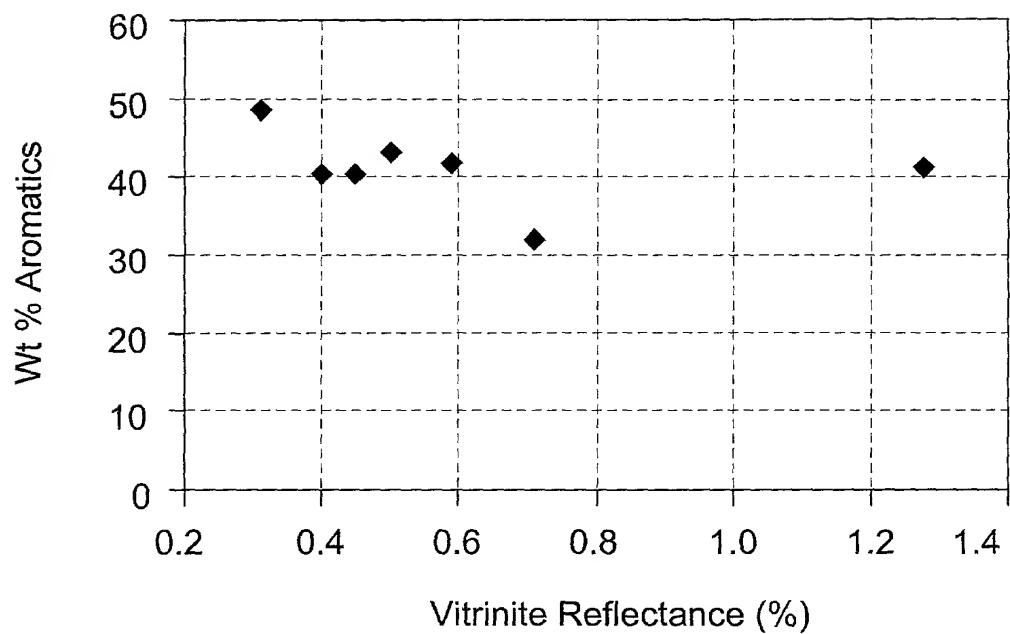


FIG. 81

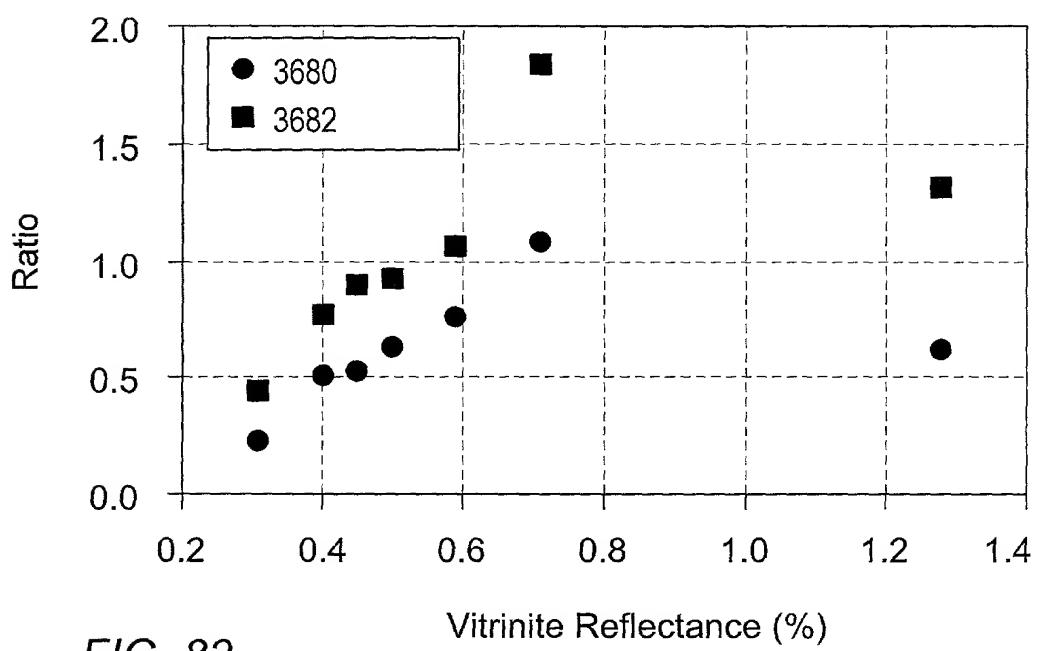


FIG. 82

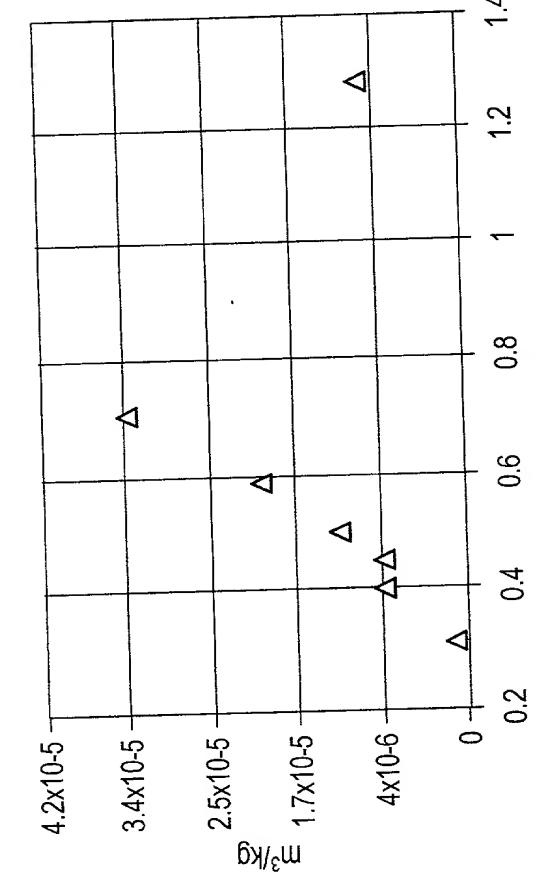


FIG. 83

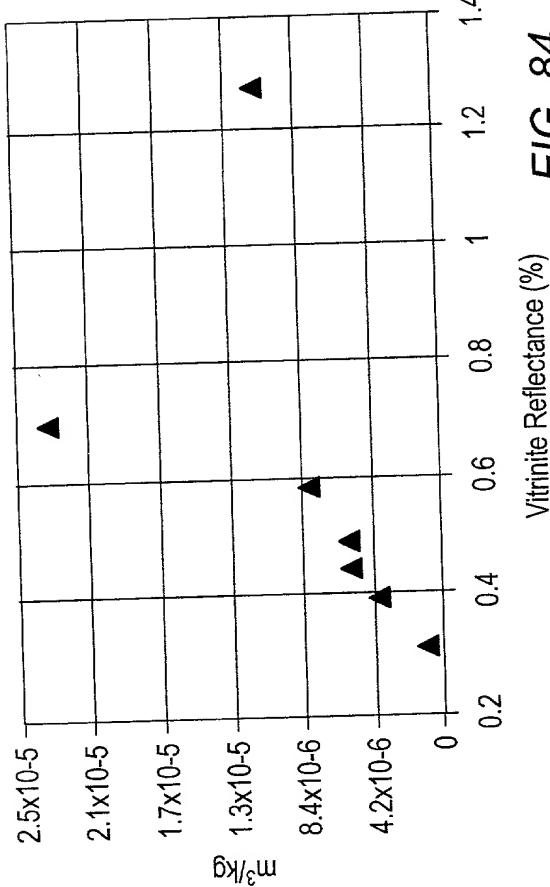


FIG. 84

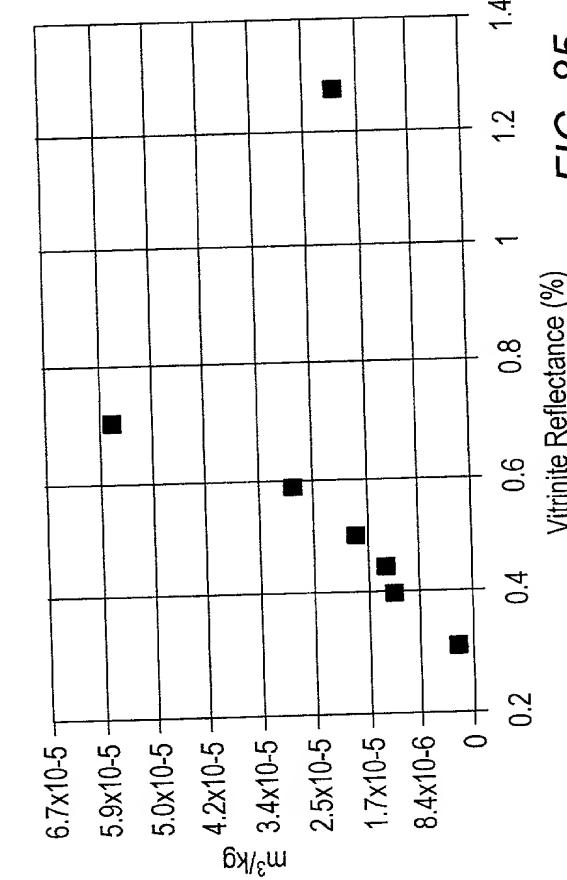


FIG. 85

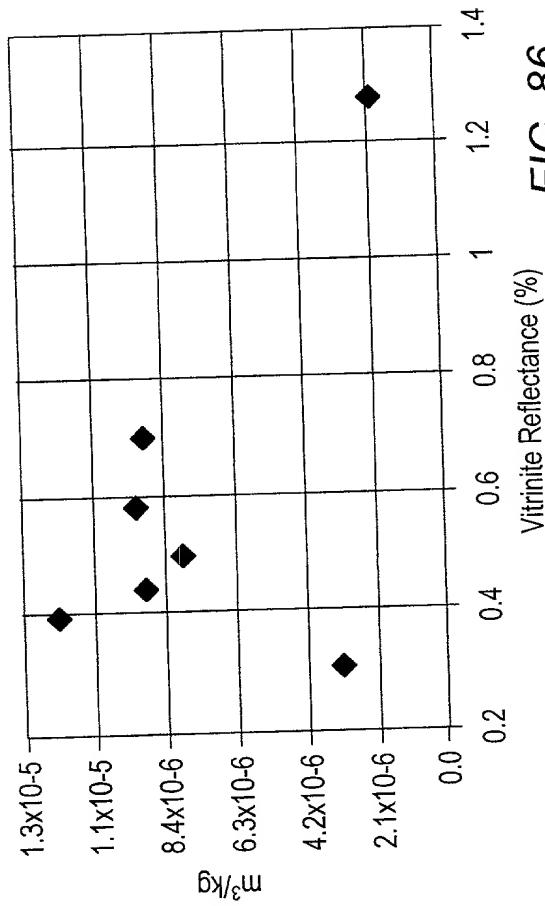


FIG. 86

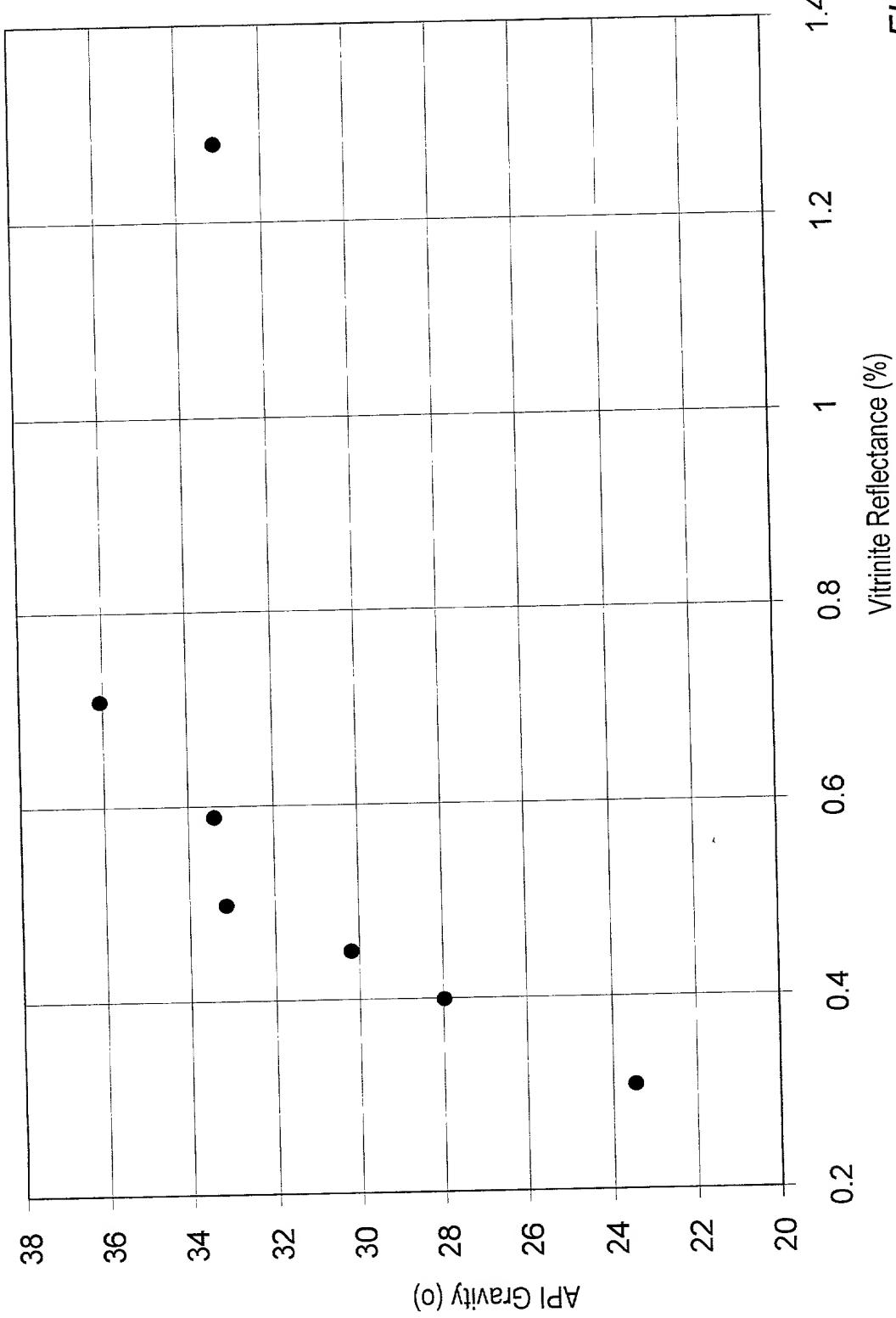
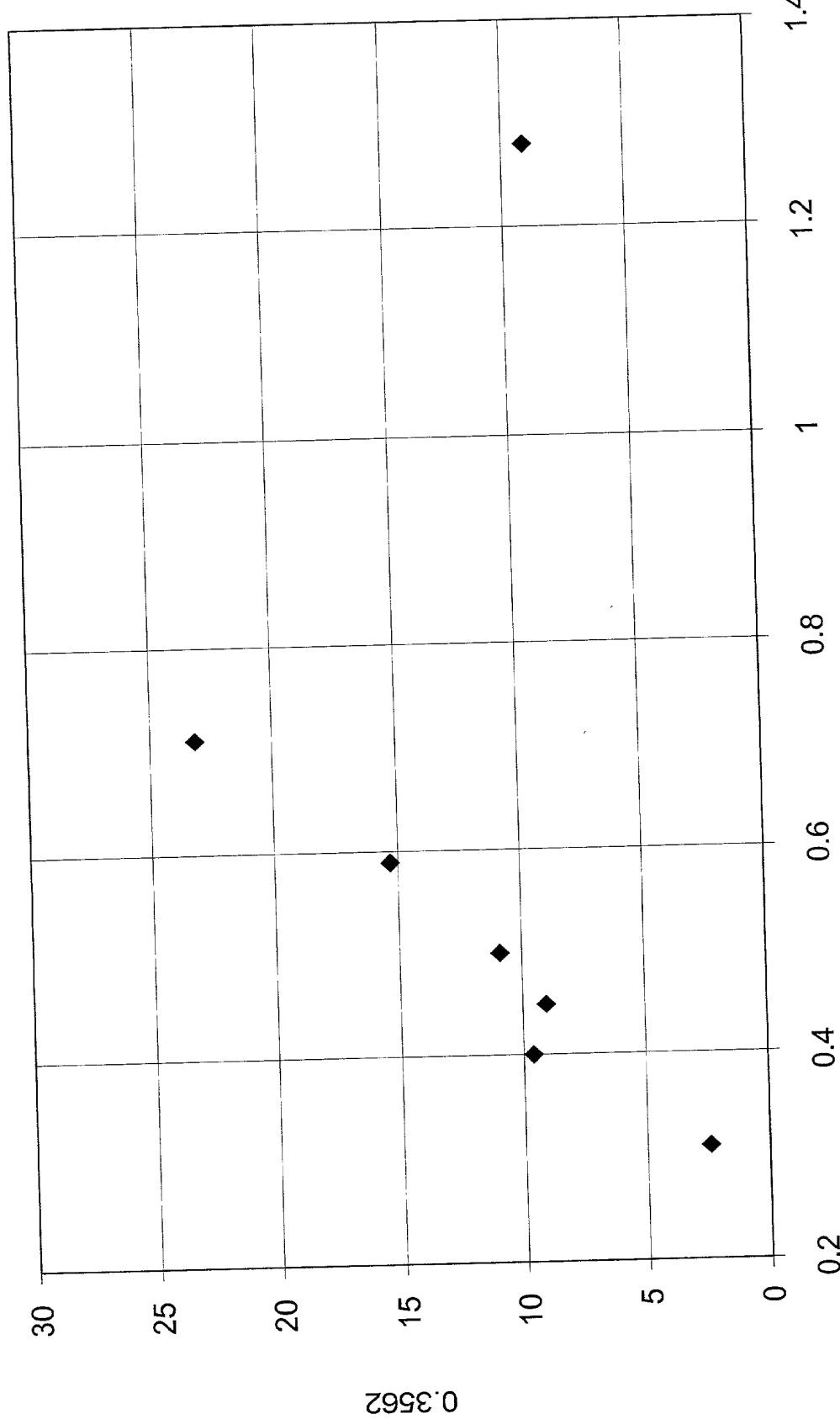


FIG. 87
Vitrinite Reflectance (%)



Vitrinite Reflectance (%)

FIG. 88

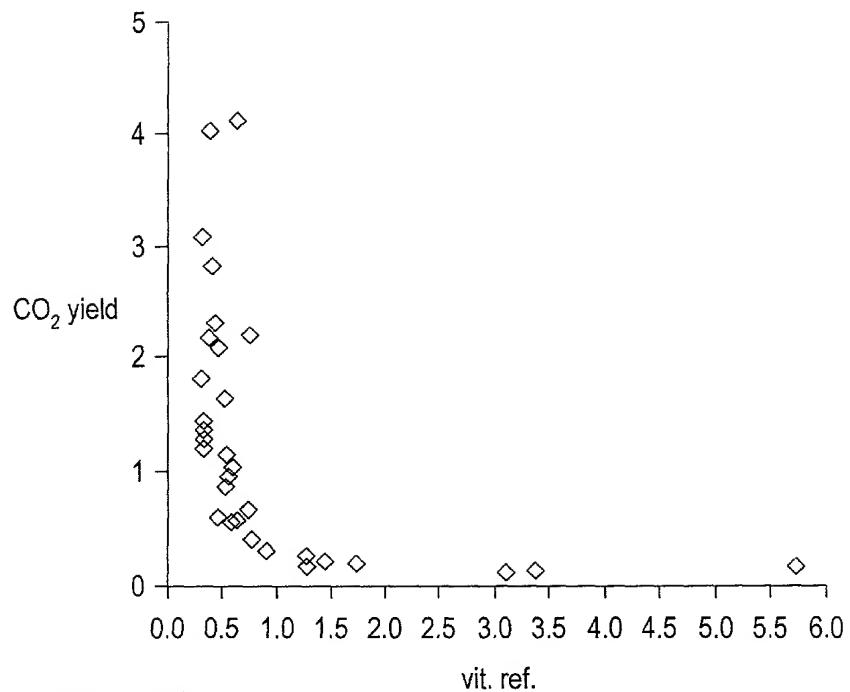


FIG. 89

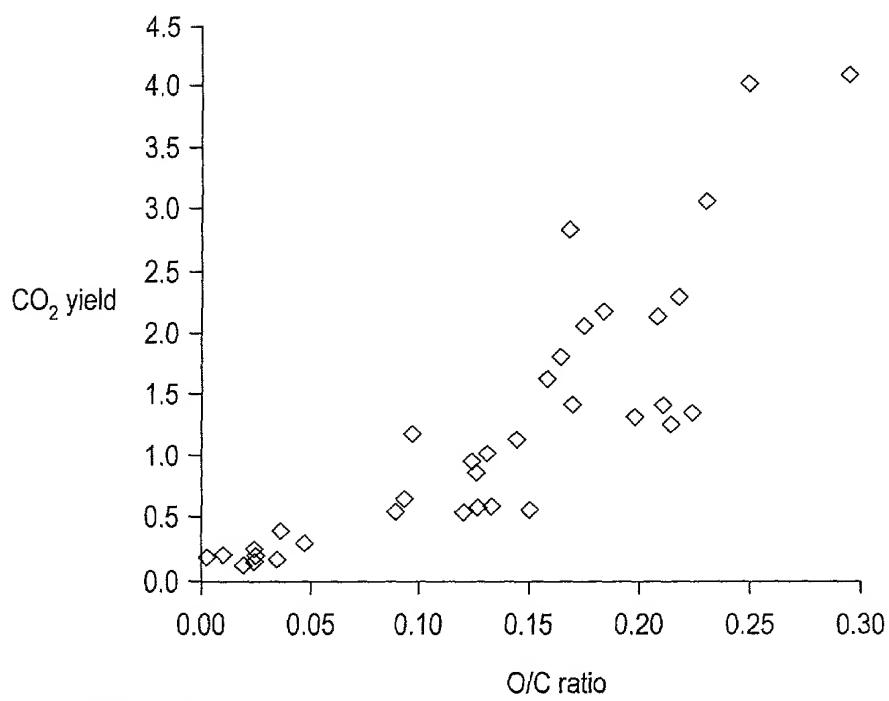


FIG. 90

FIG. 91

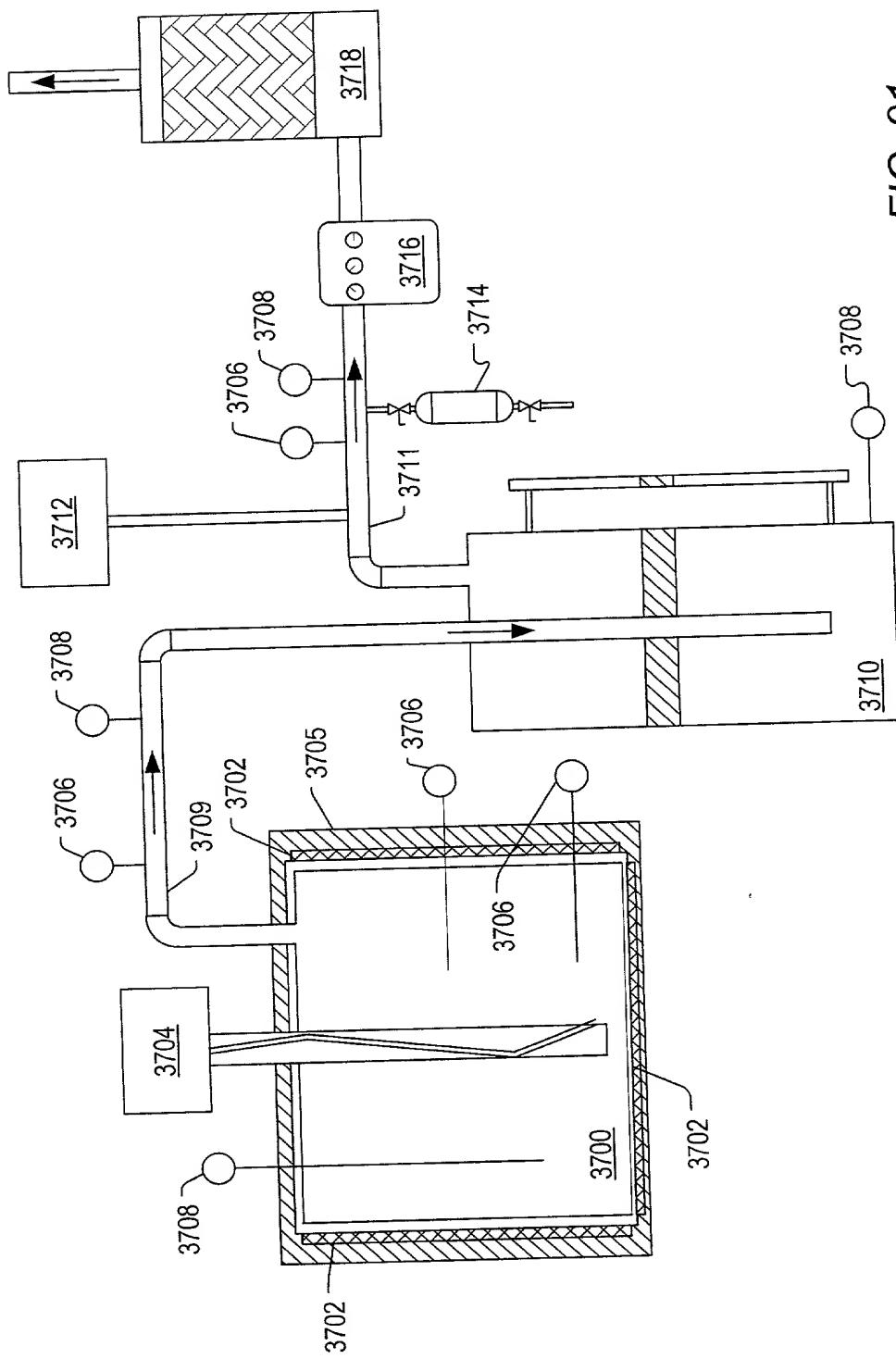


FIG. 92

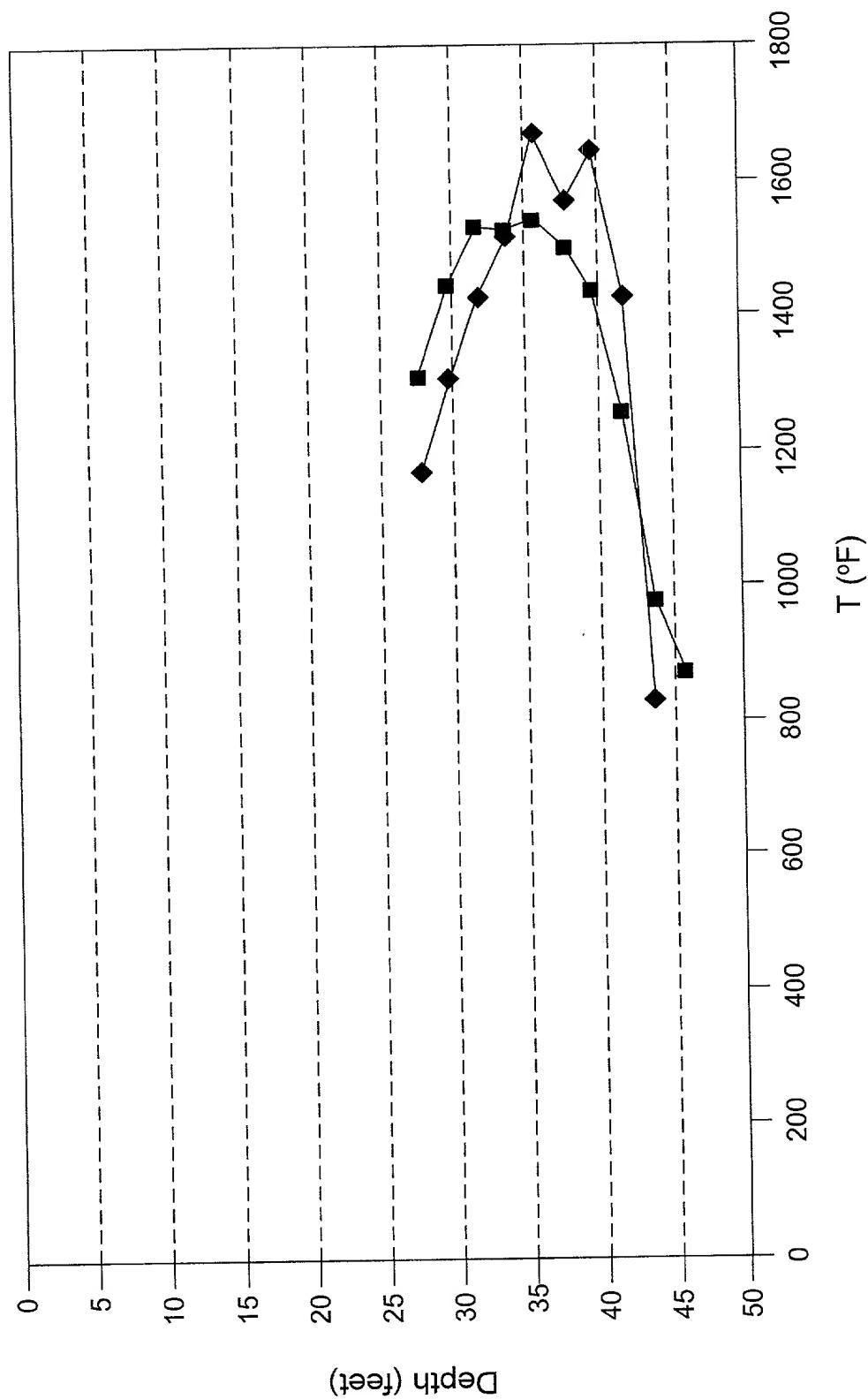


FIG. 93

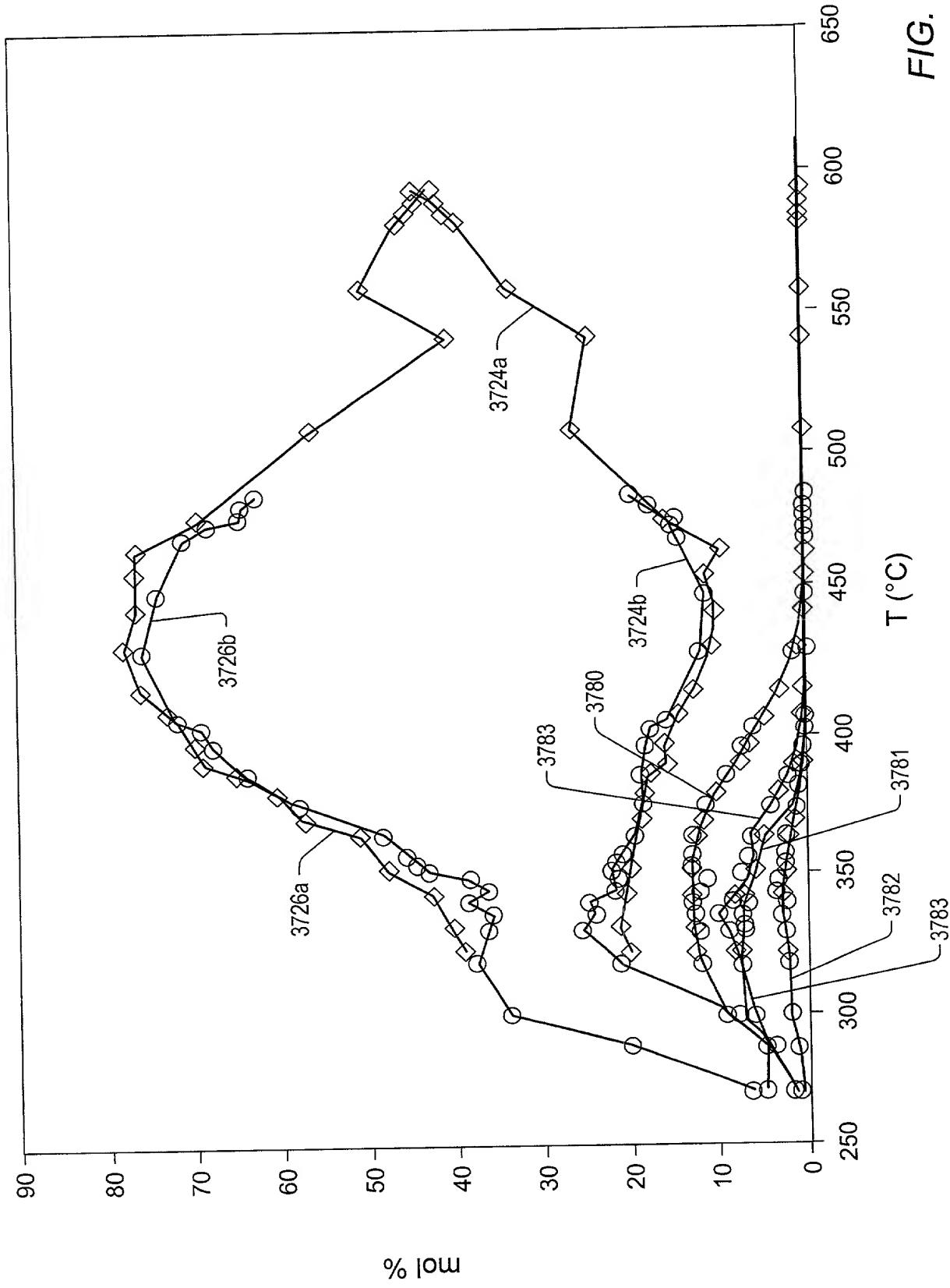


FIG. 94

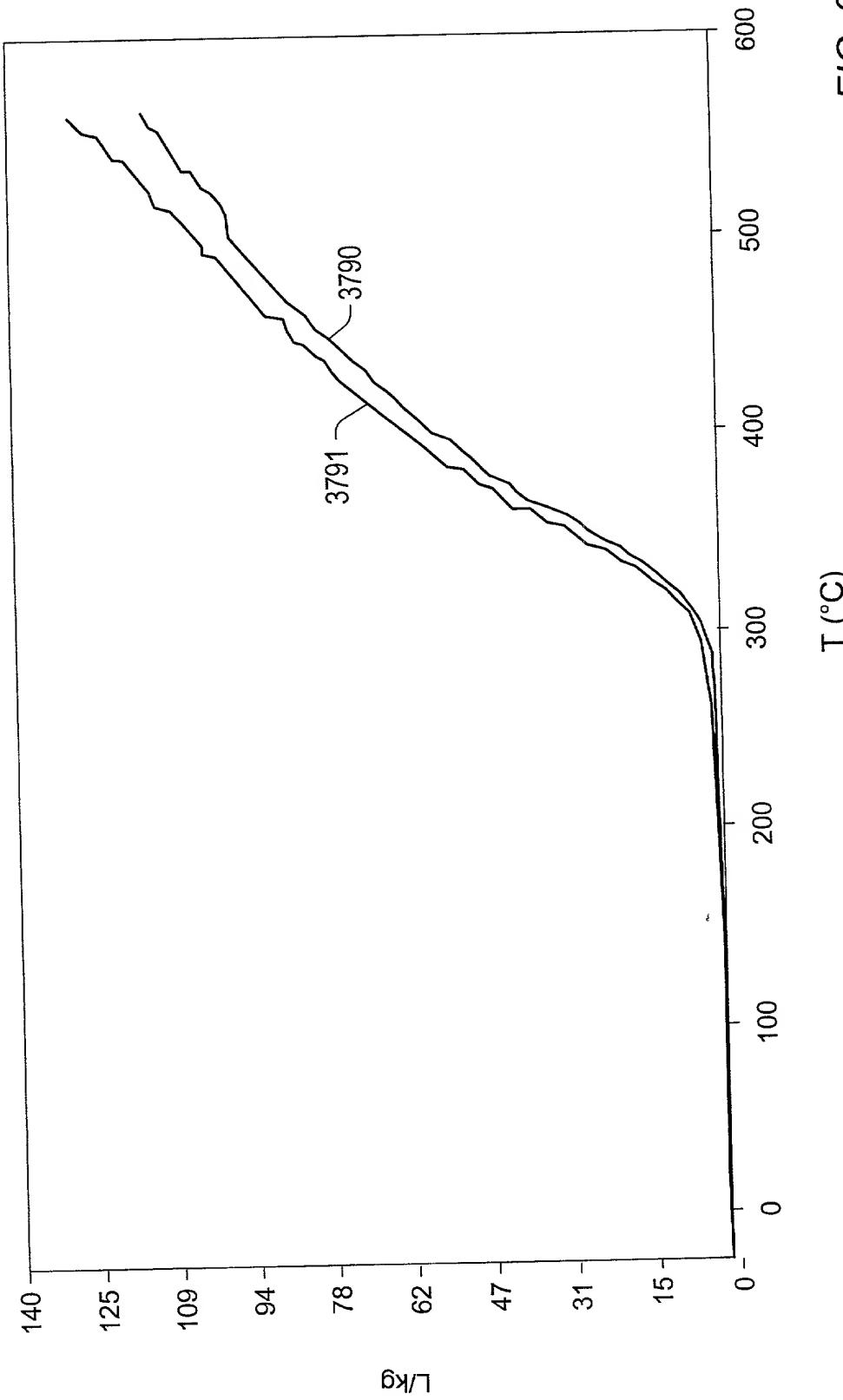
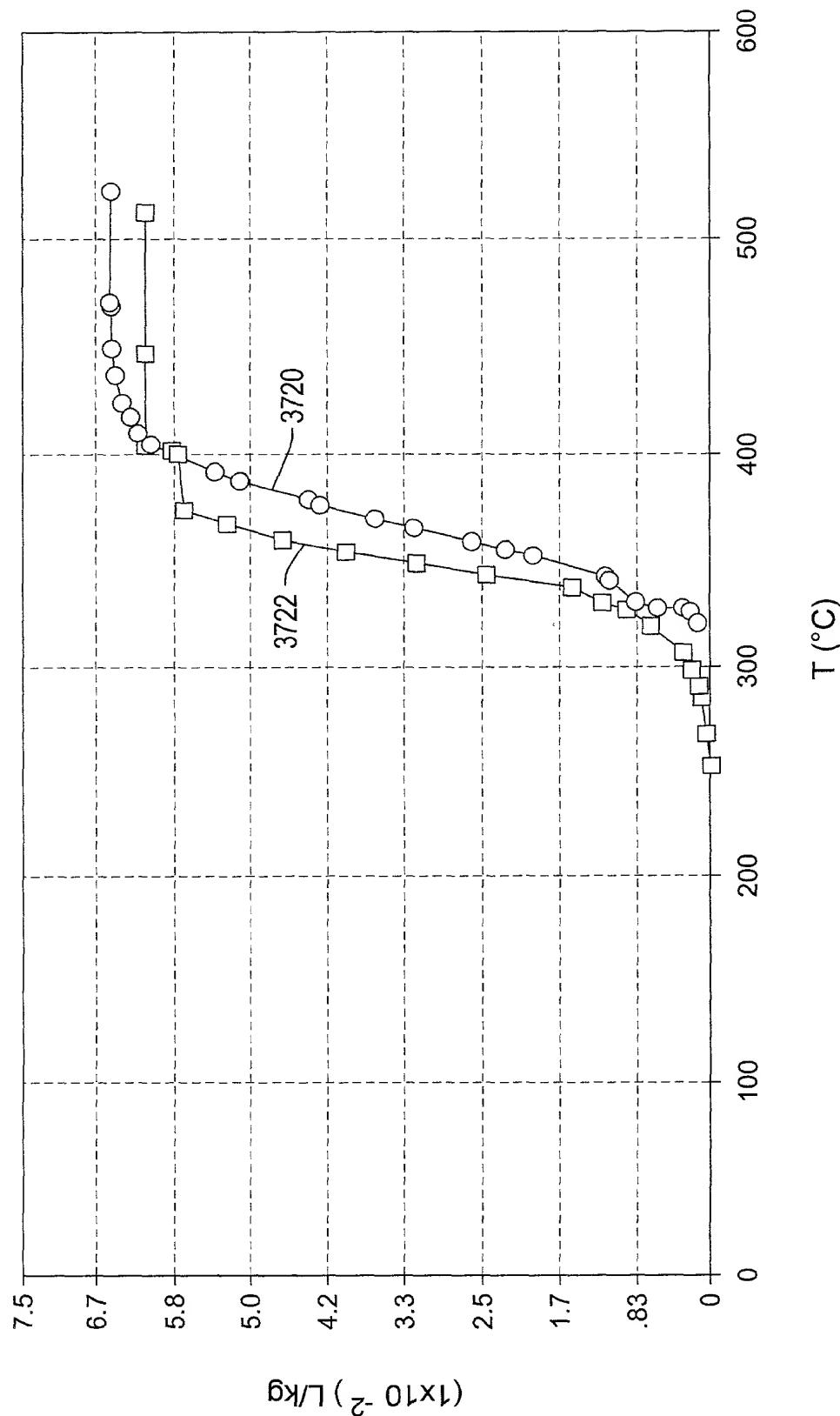


FIG. 95



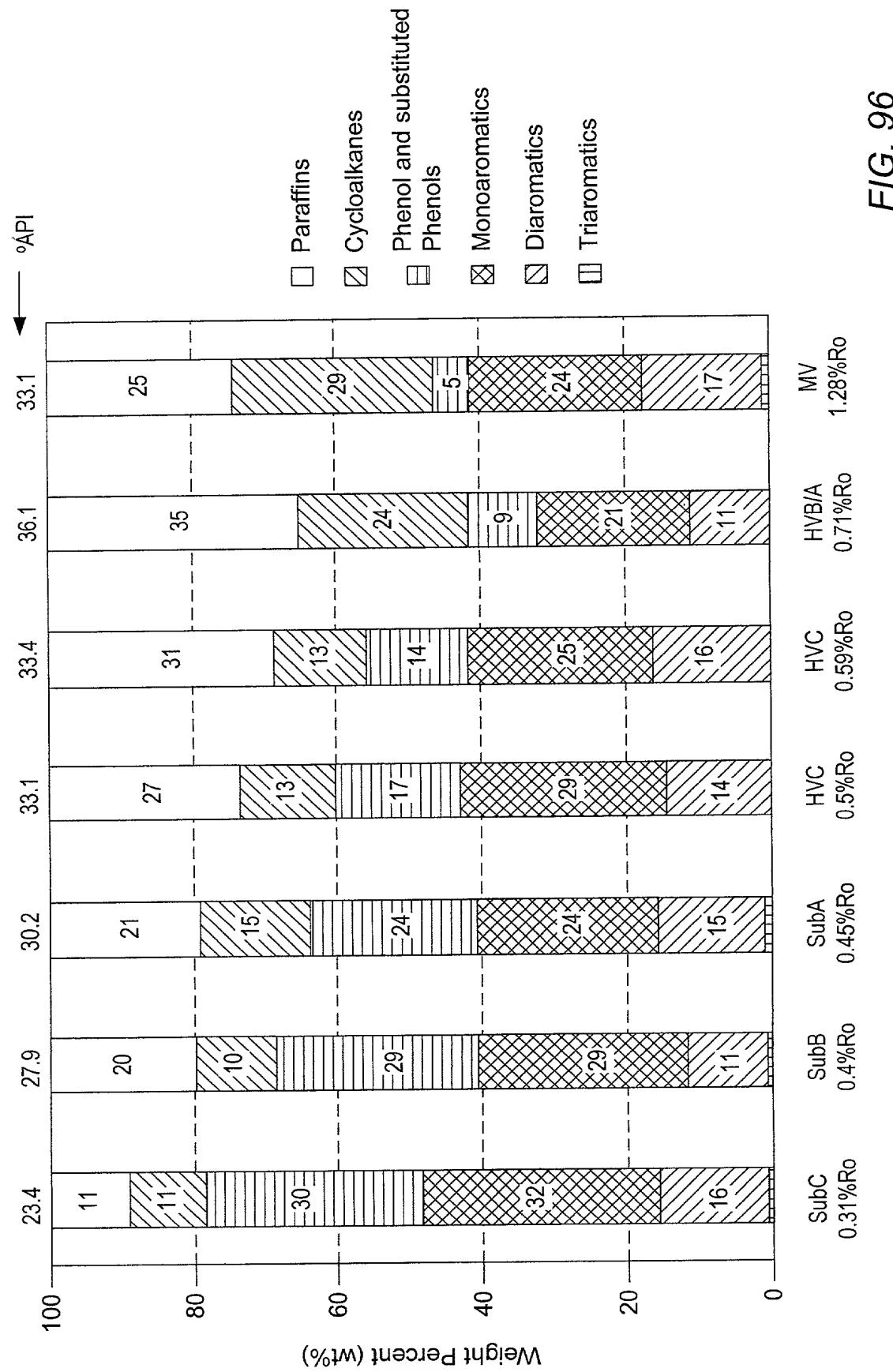


FIG. 96

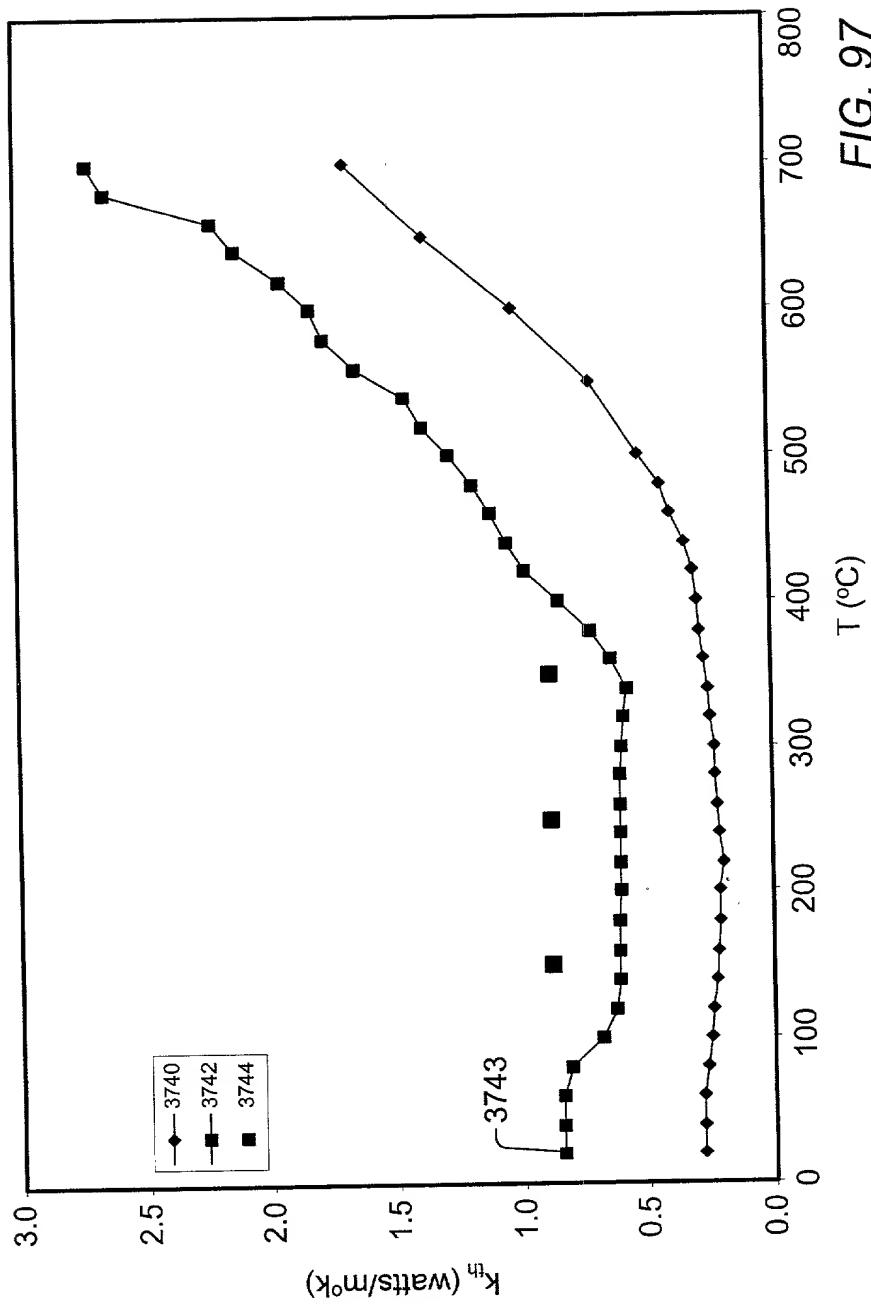


FIG. 97

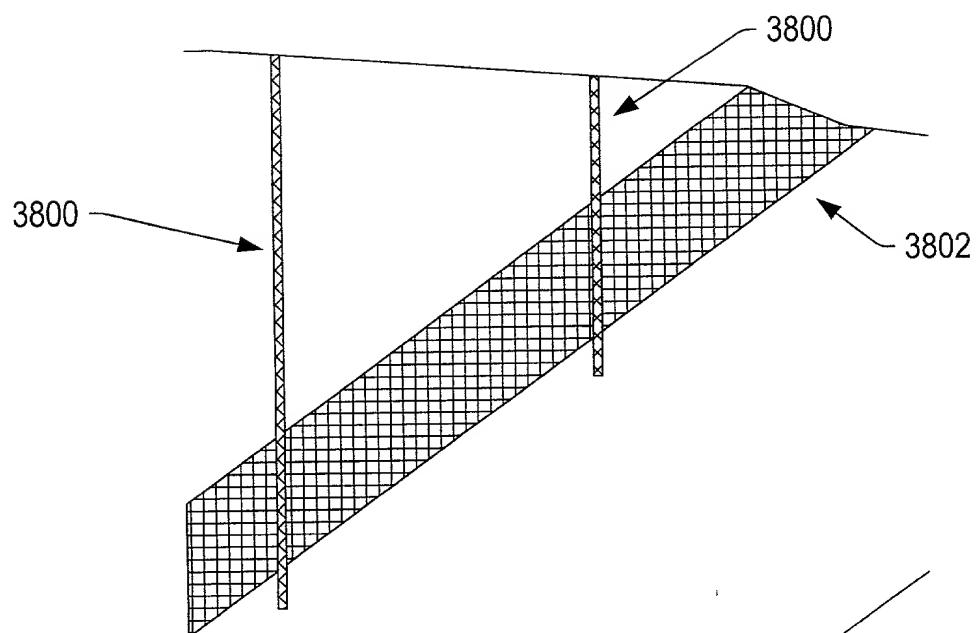


FIG. 98

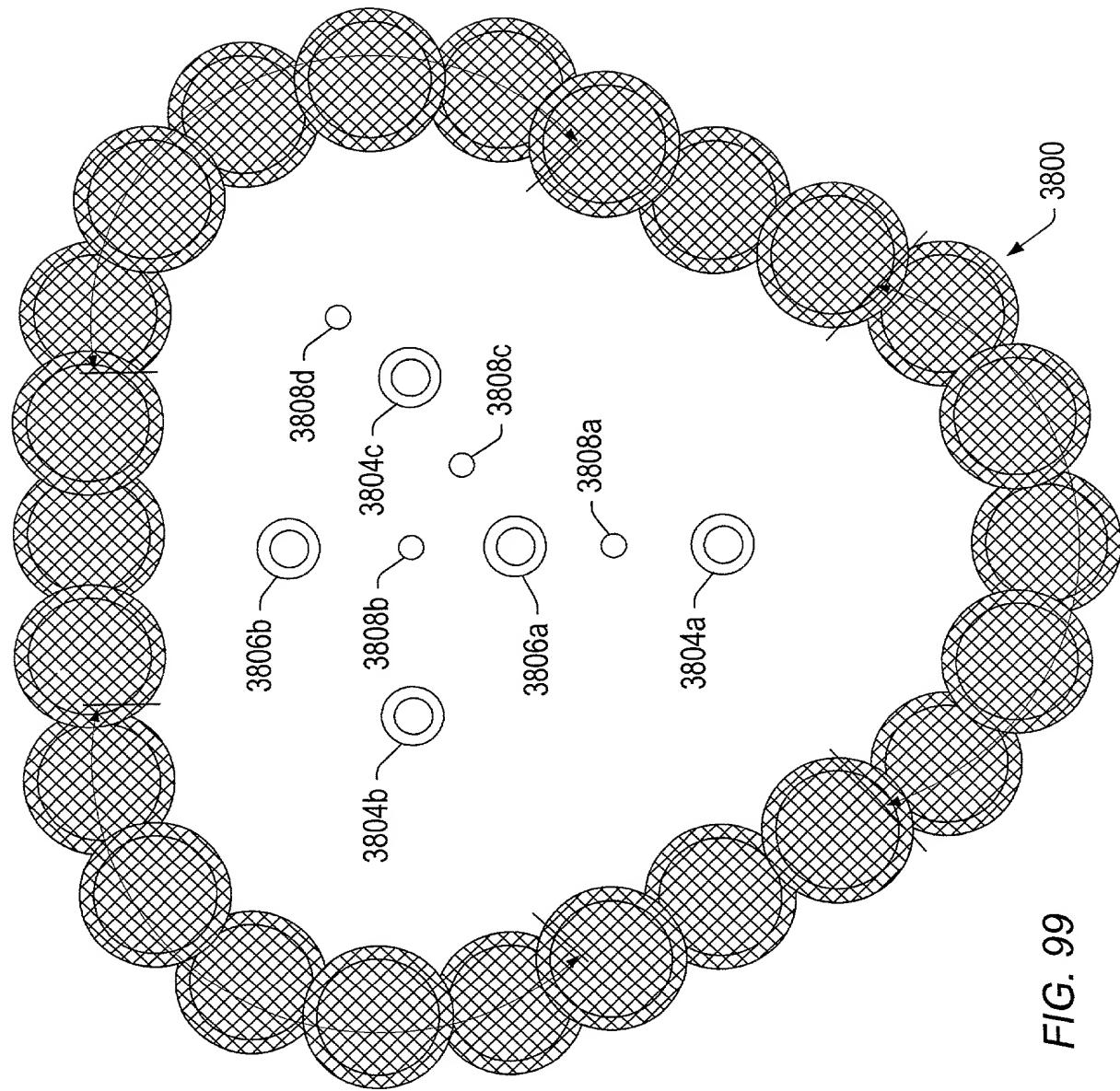


FIG. 99

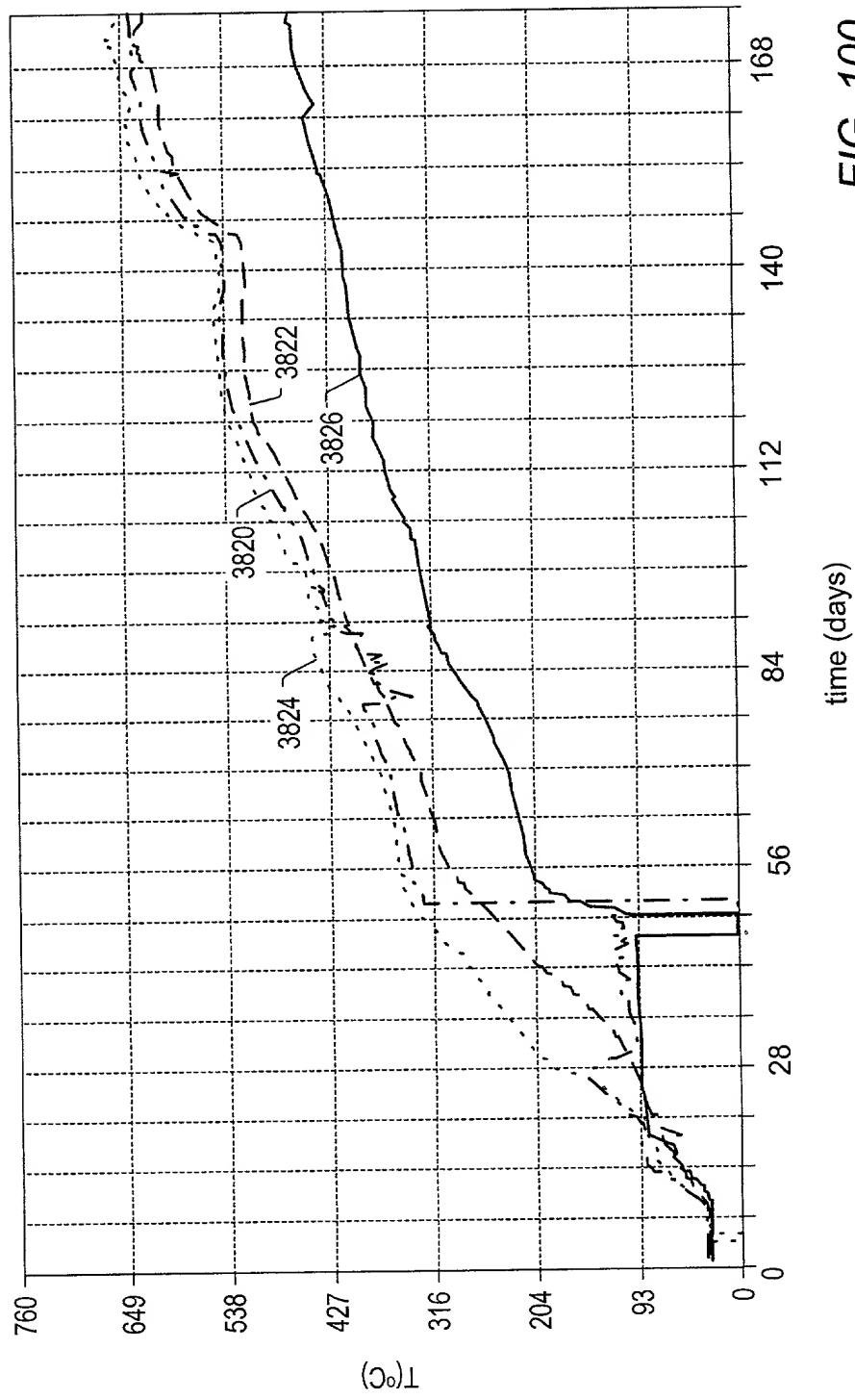


FIG. 100
time (days)

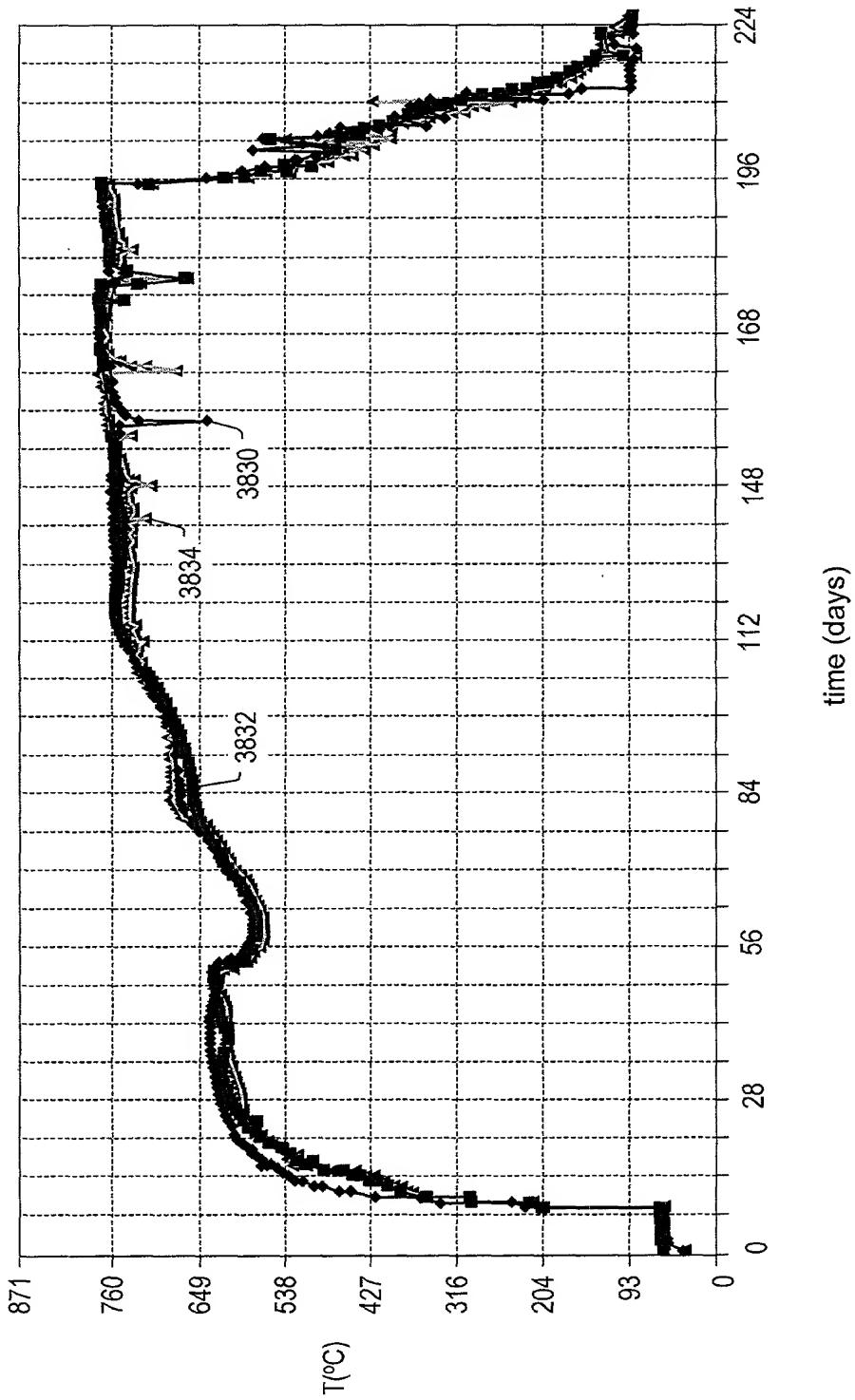


FIG. 101

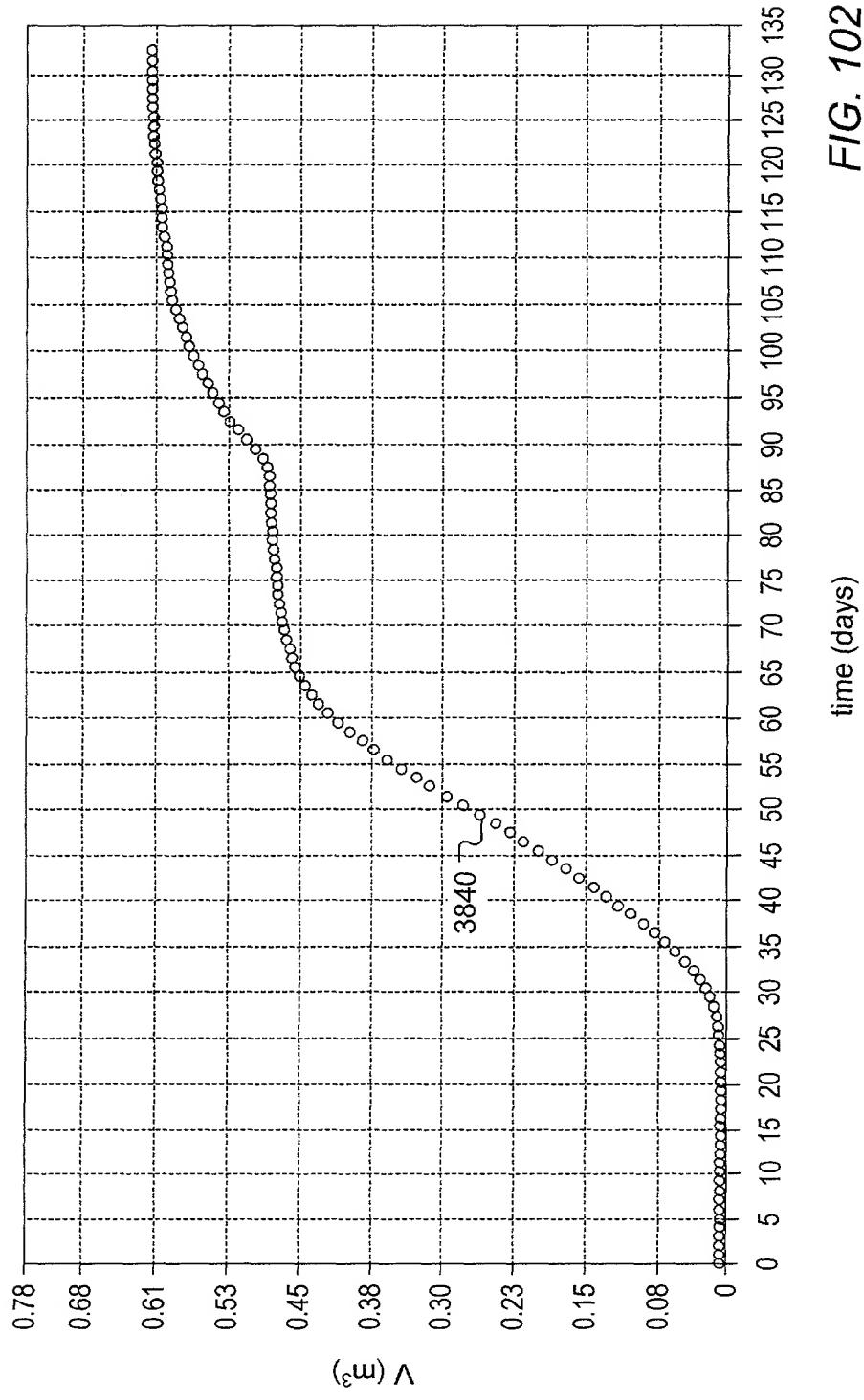


FIG. 102
time (days)

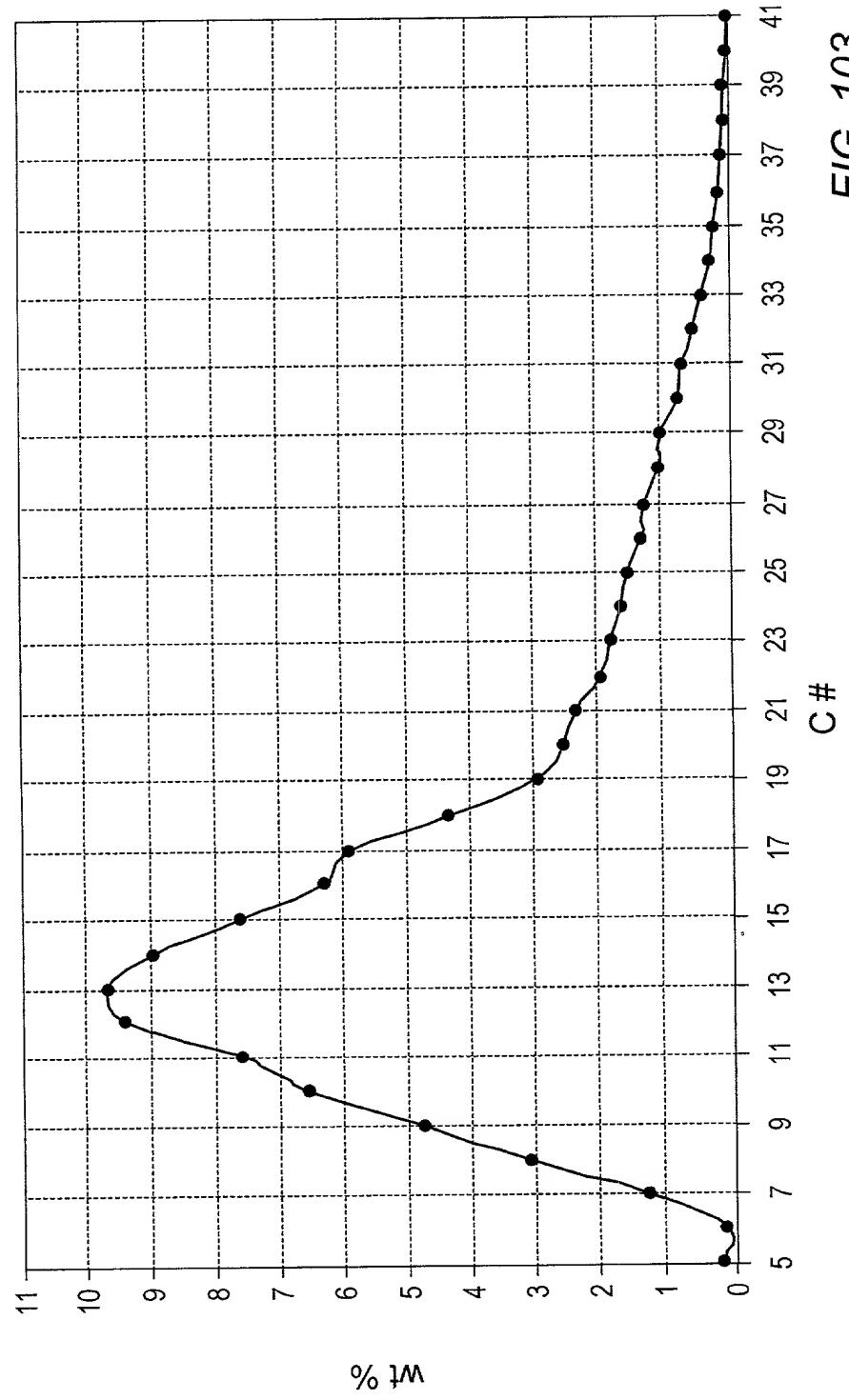


FIG. 103

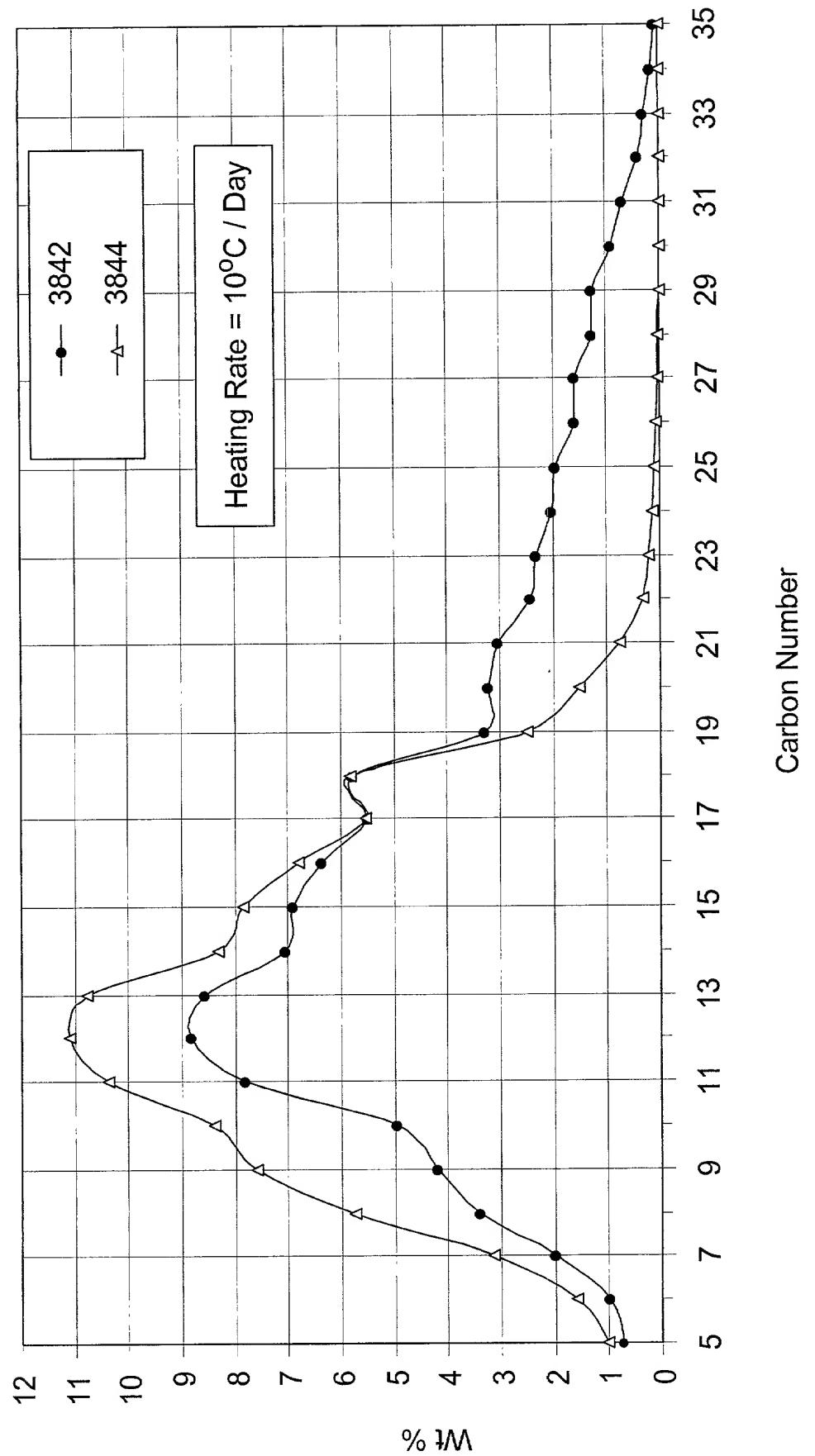


FIG. 104

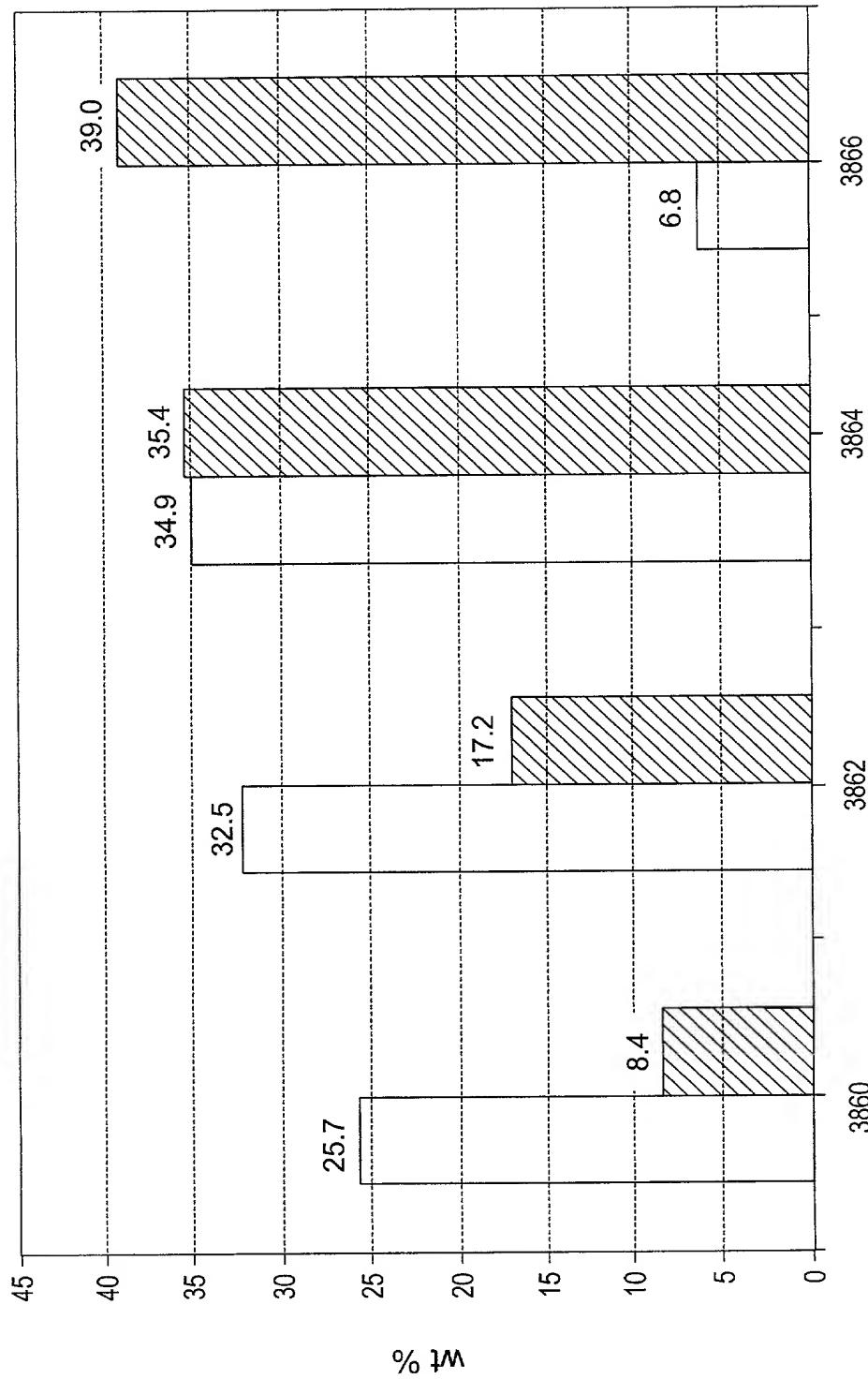


FIG. 105

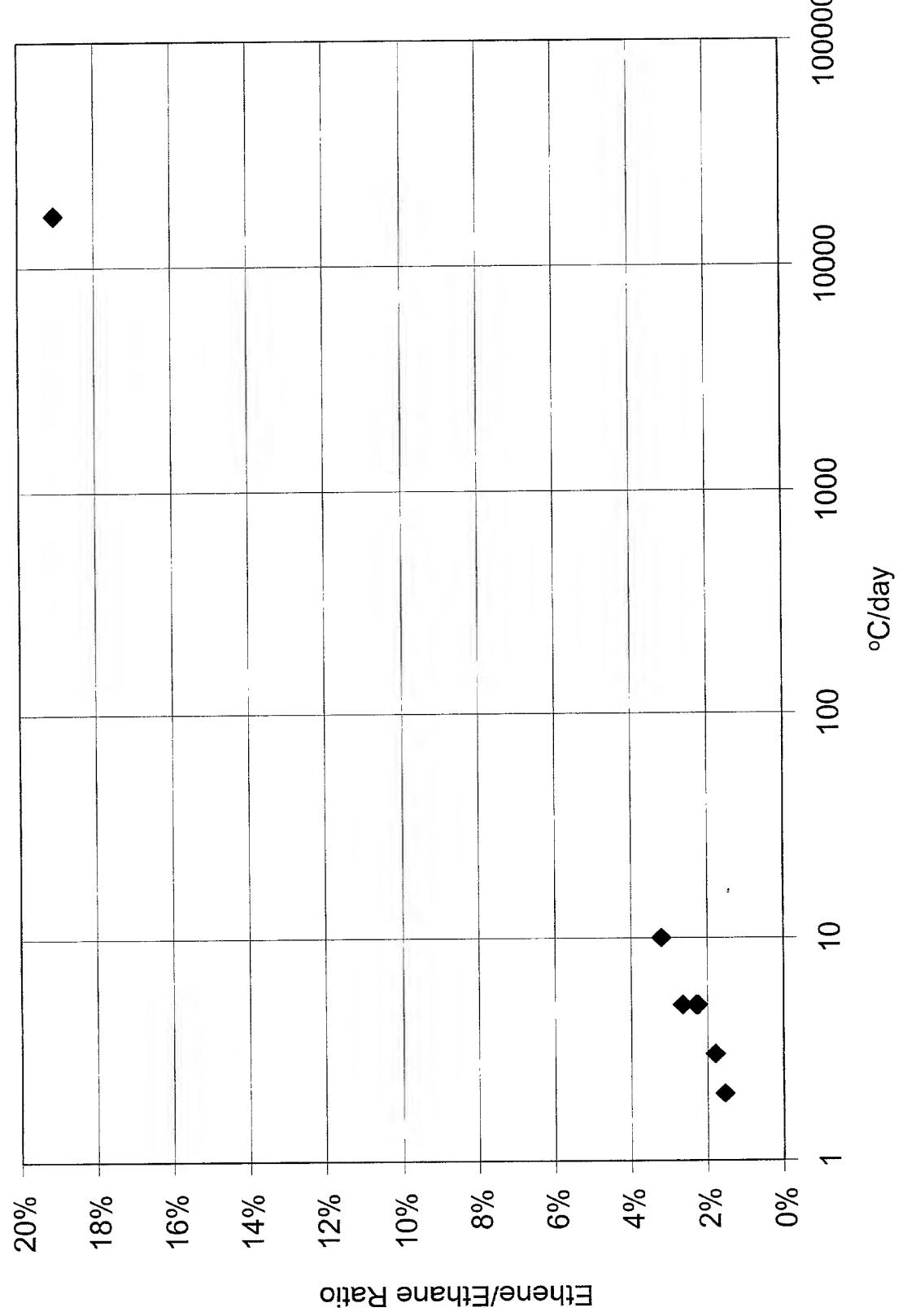


FIG. 106

FIG. 107

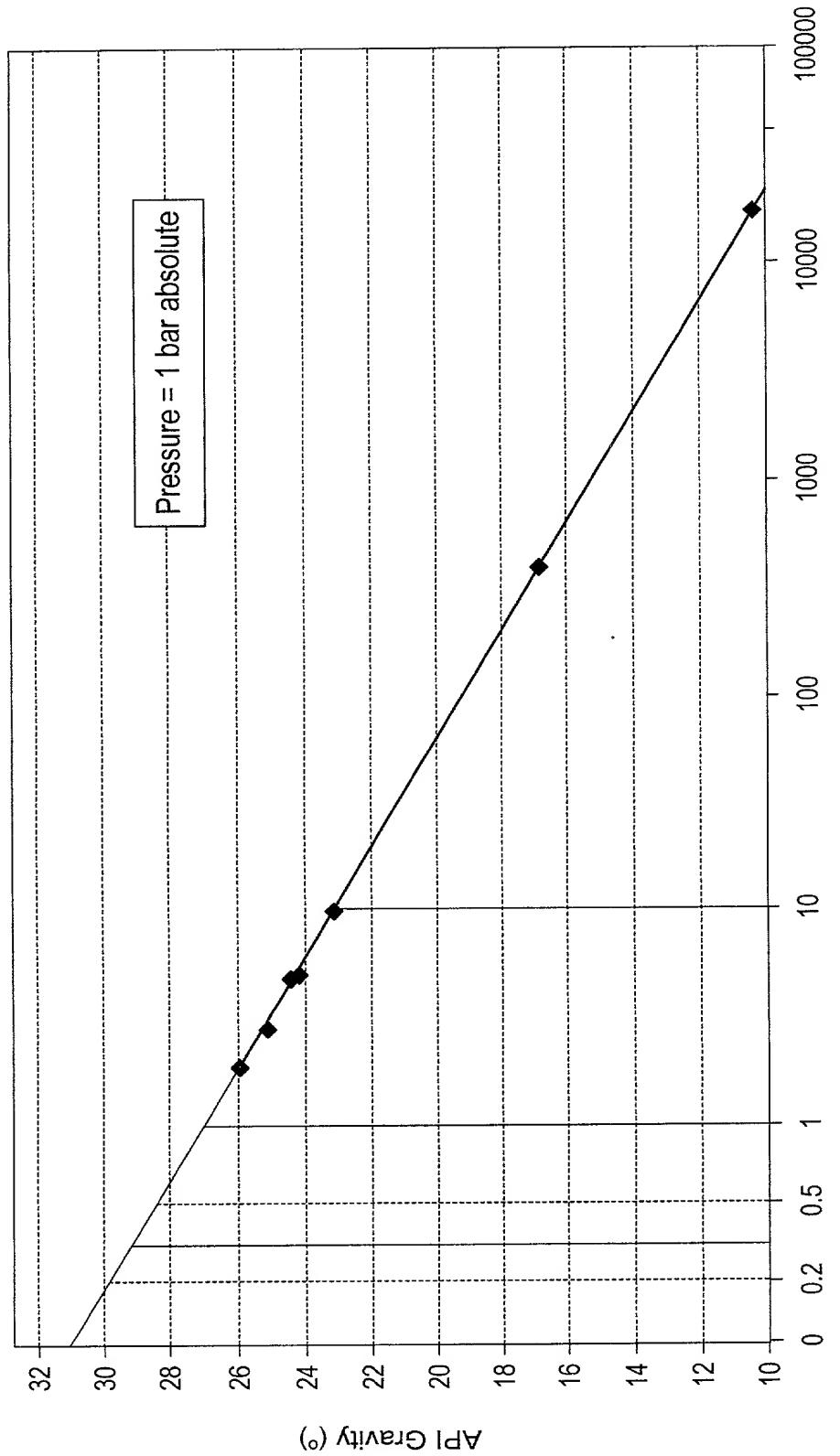
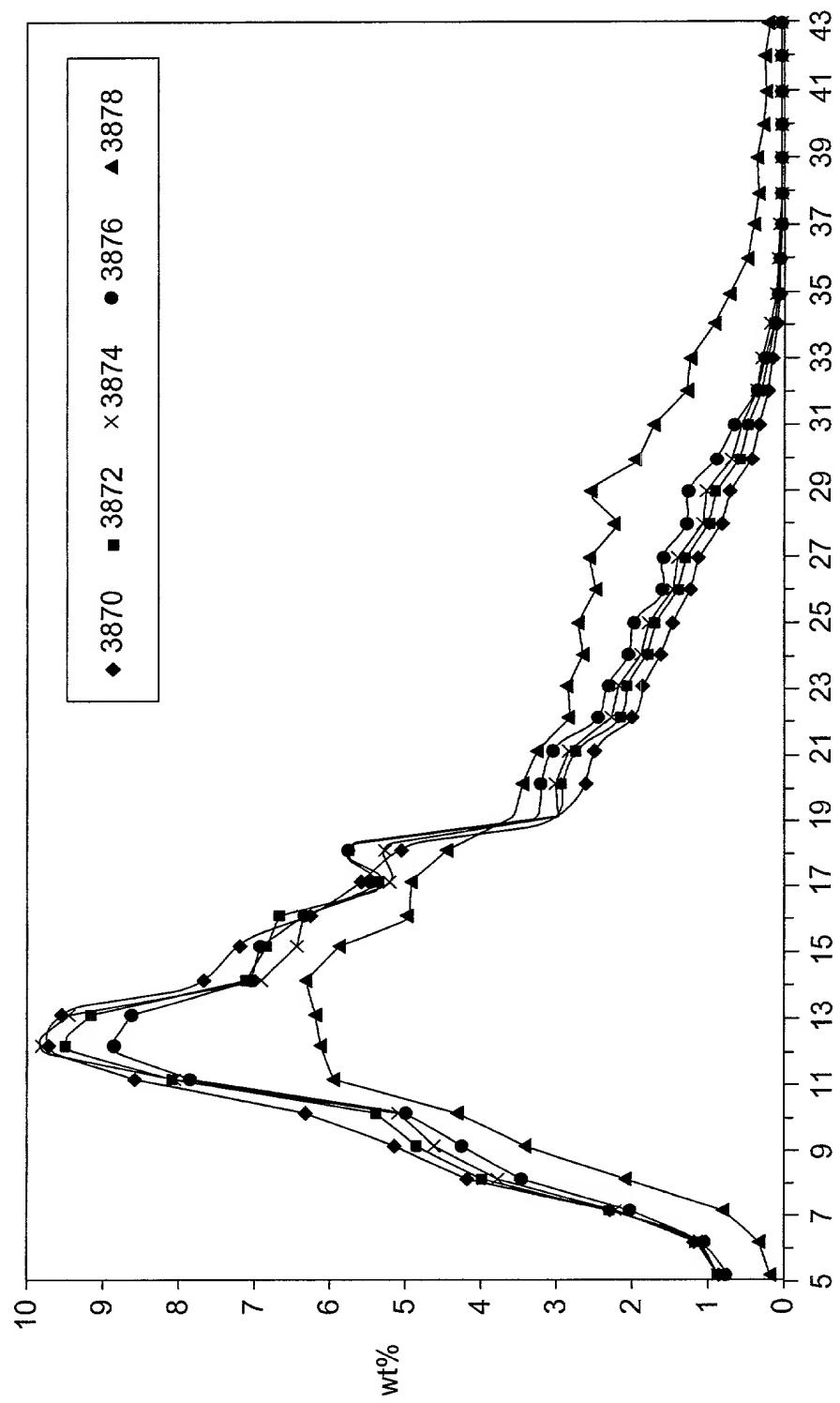


FIG. 108
C. No.



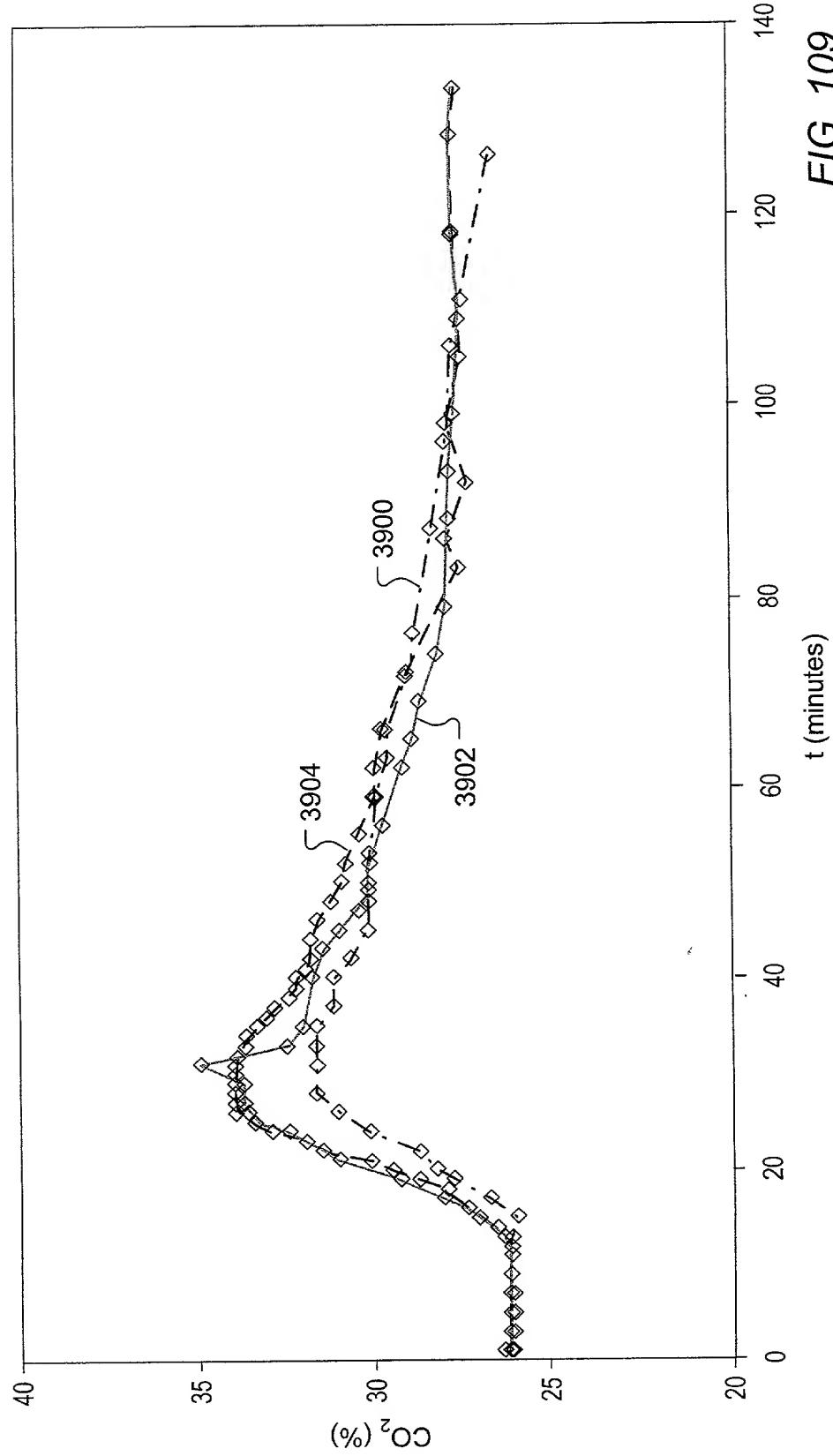


FIG. 109

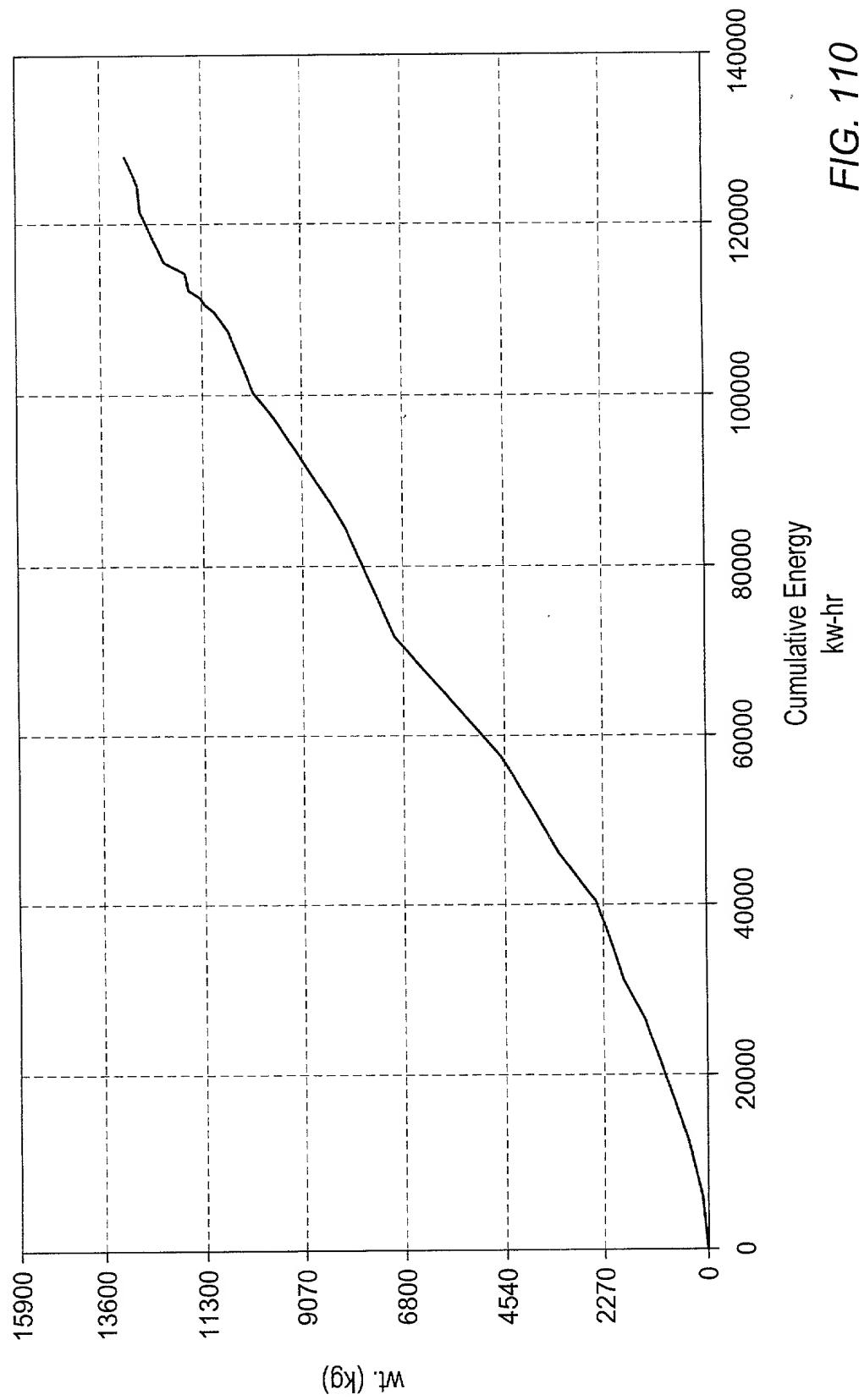


FIG. 110

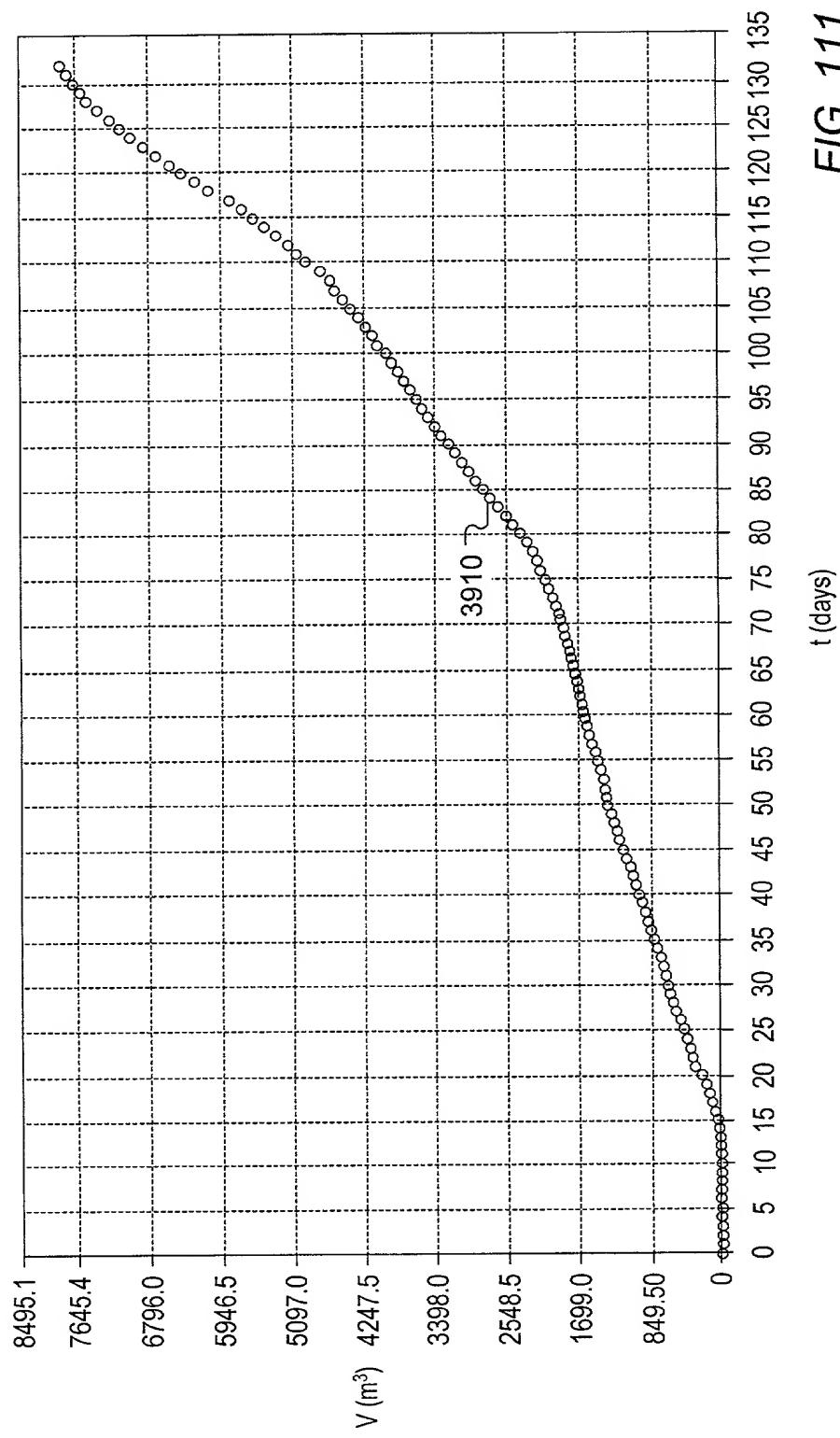


FIG. 111

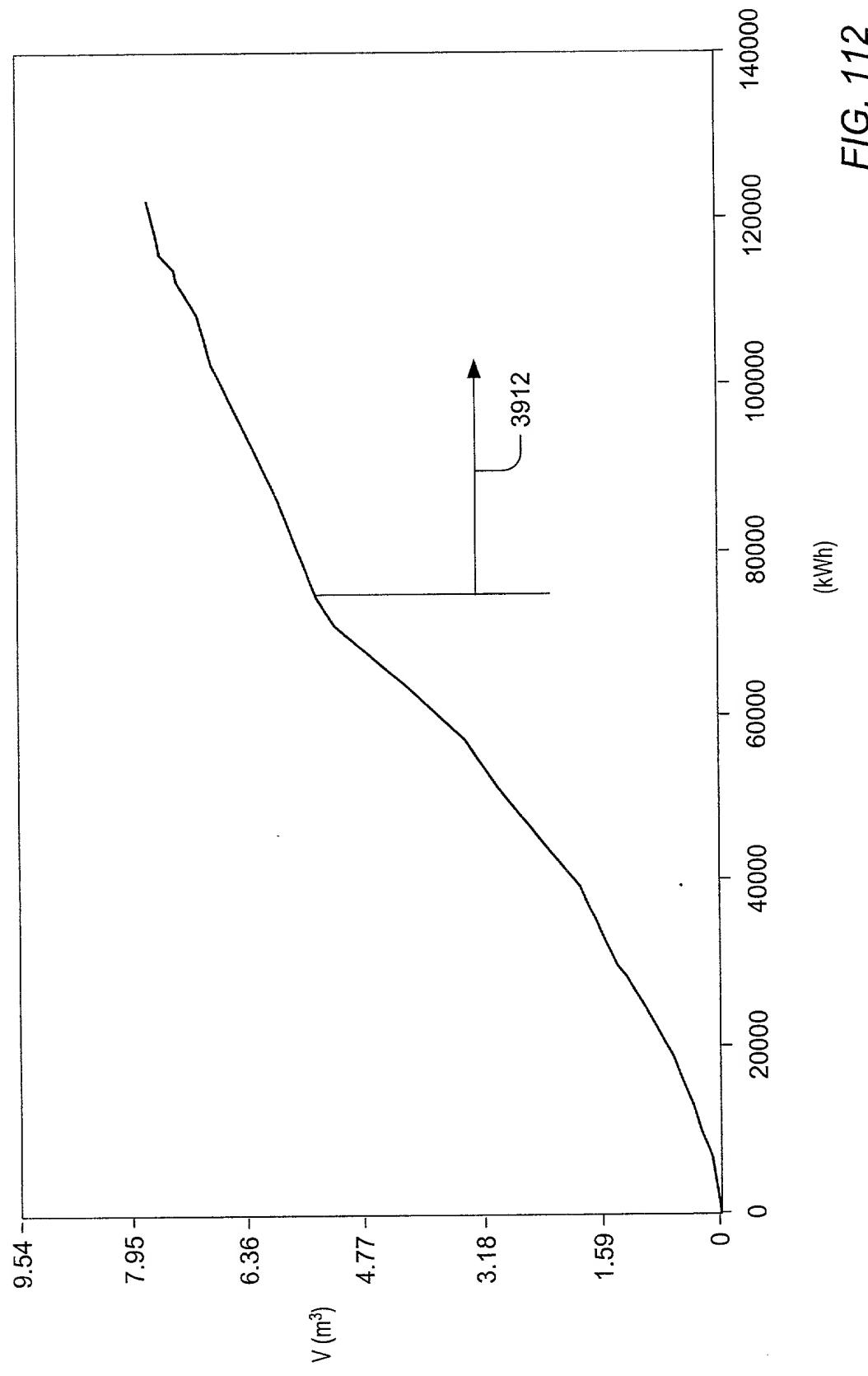


FIG. 112

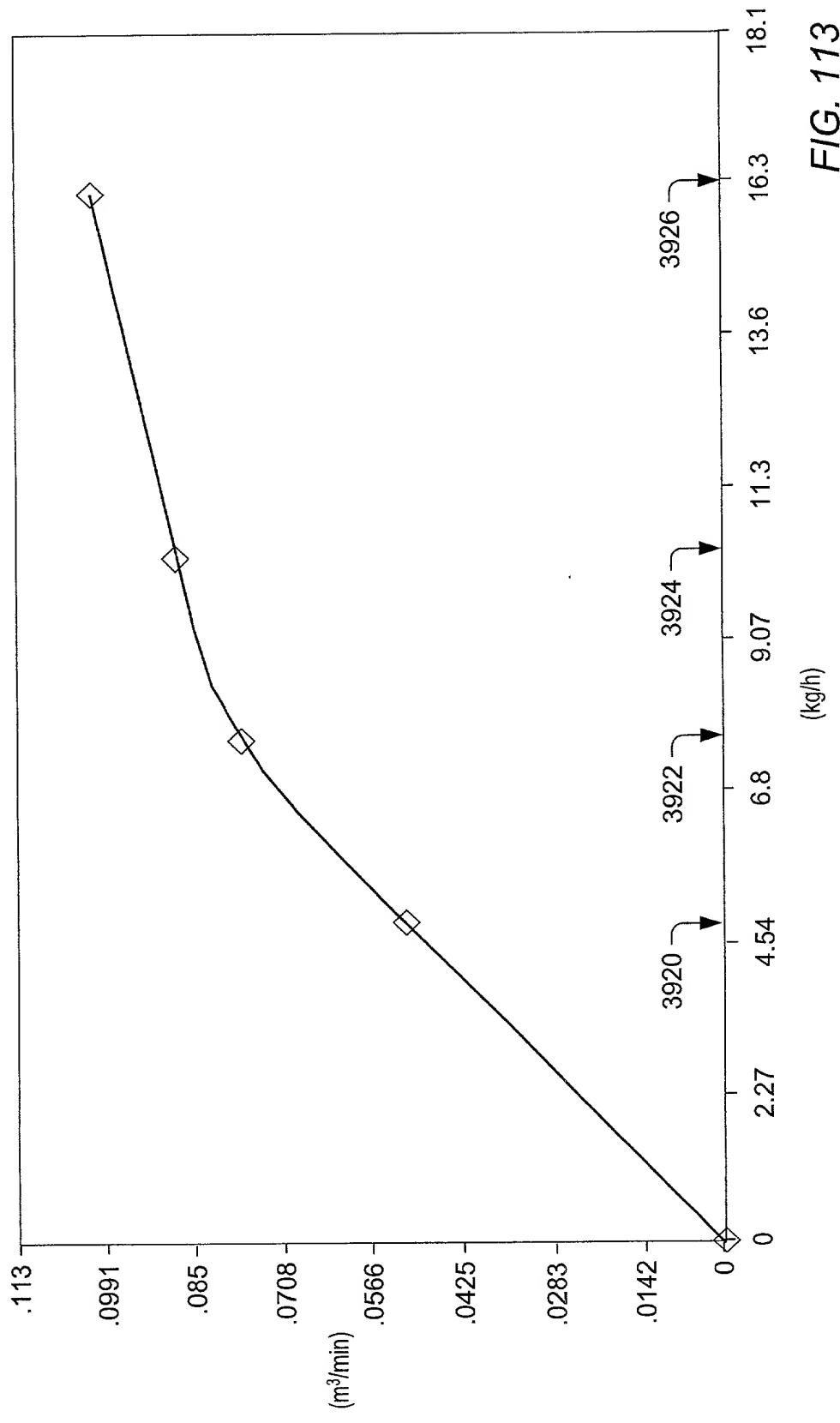


FIG. 113

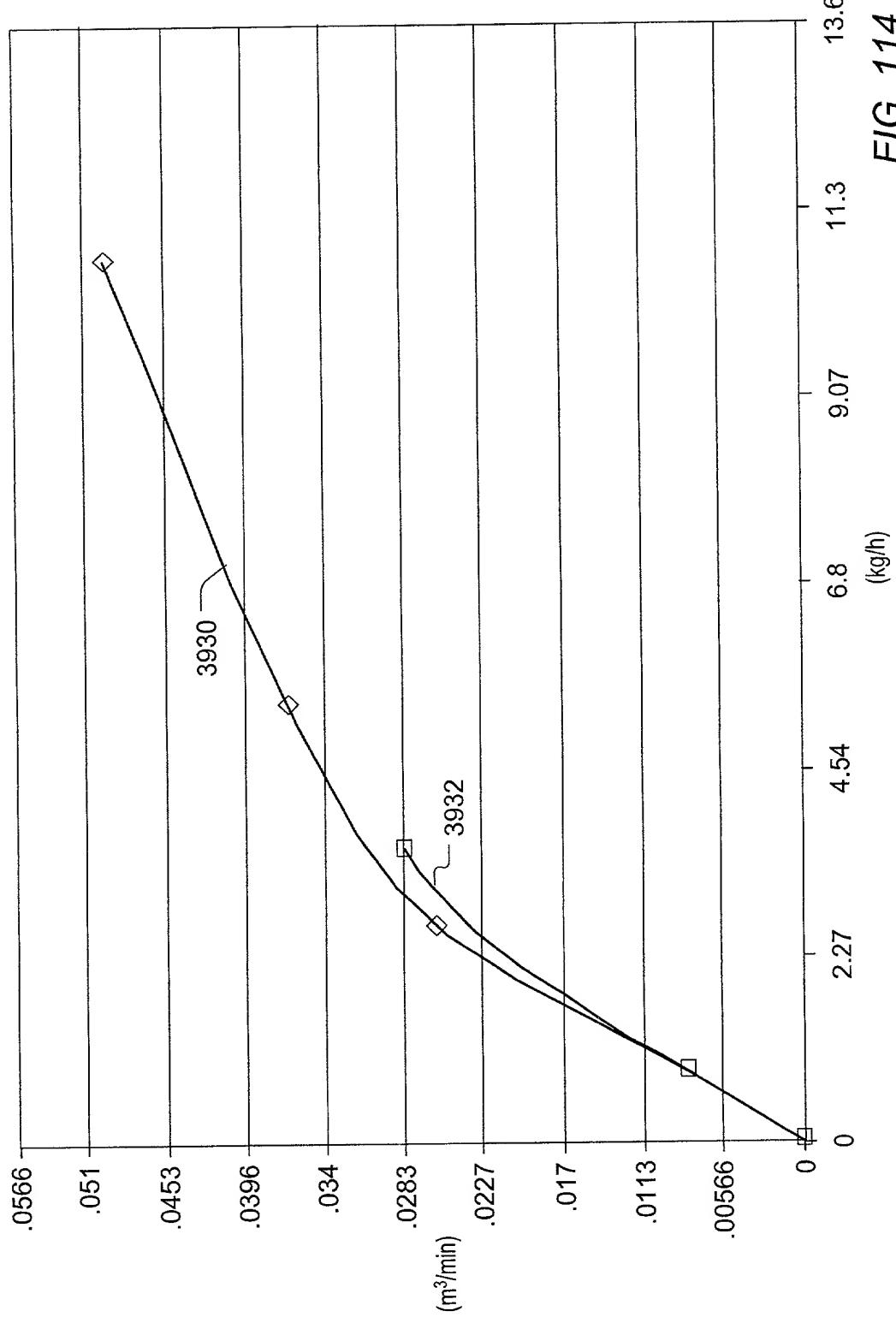
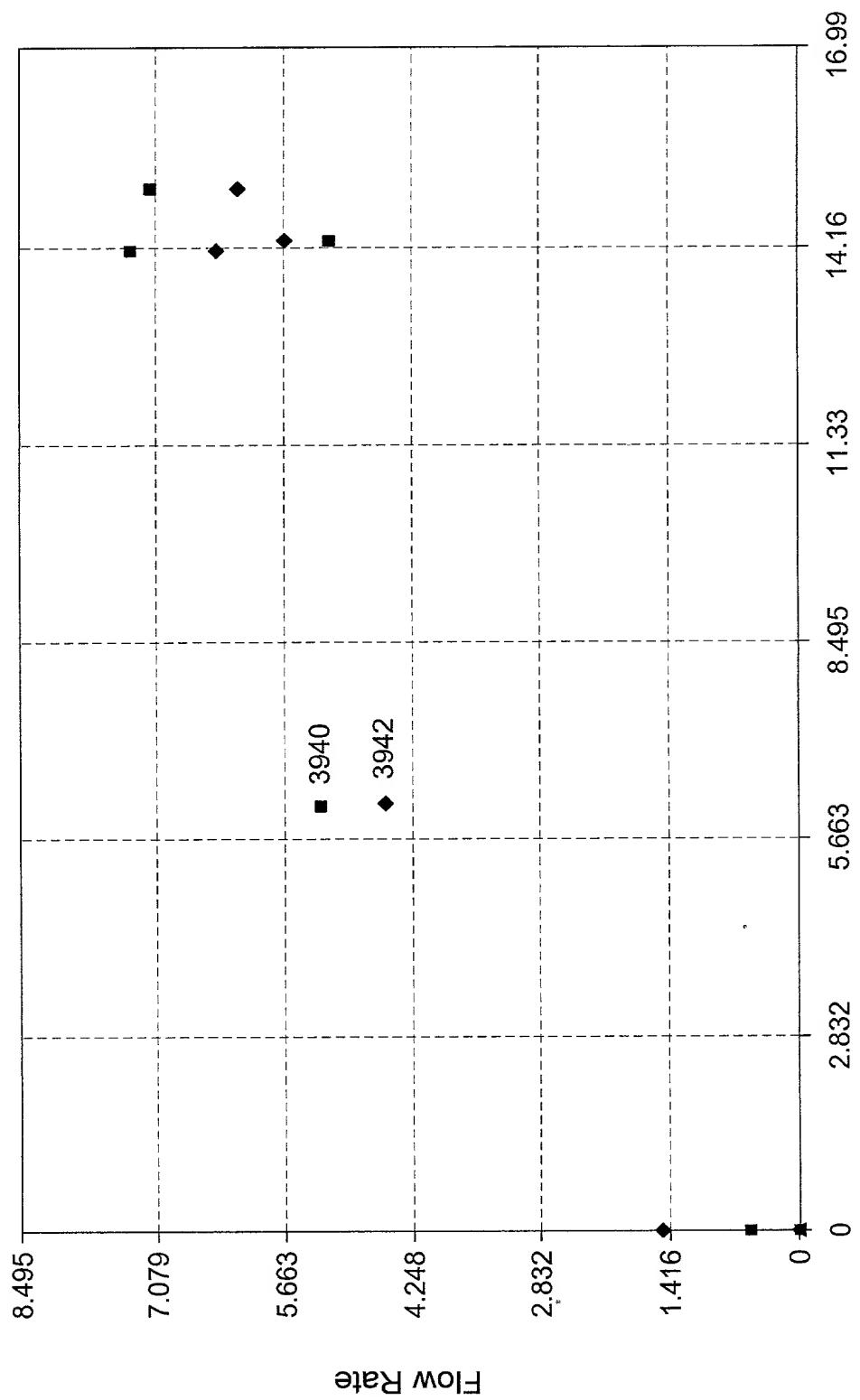


FIG. 114

FIG. 115

Methane Injection Rate (m^3/hr)



Ethane Injection Rate (m^3/hr)

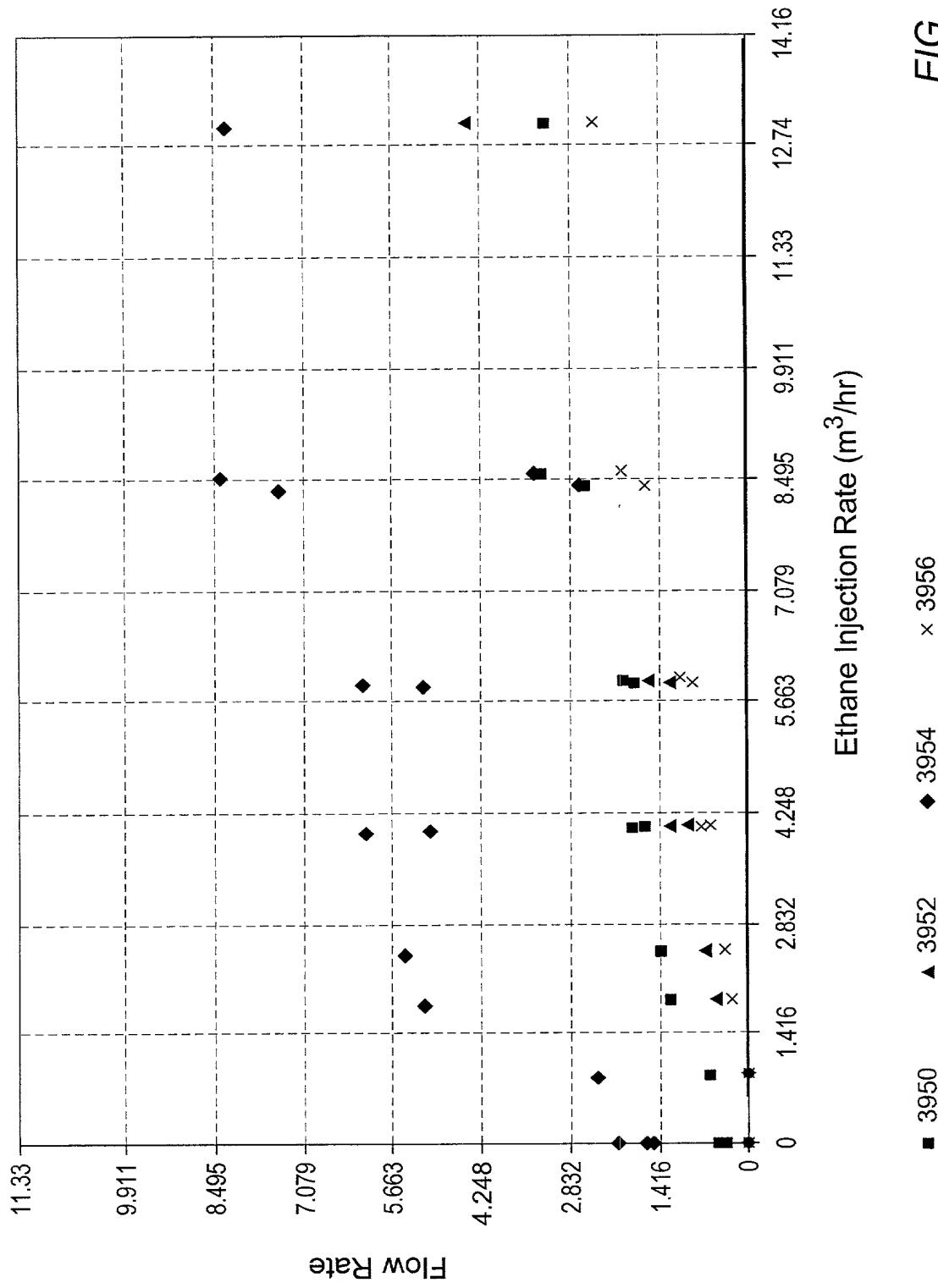


FIG. 116

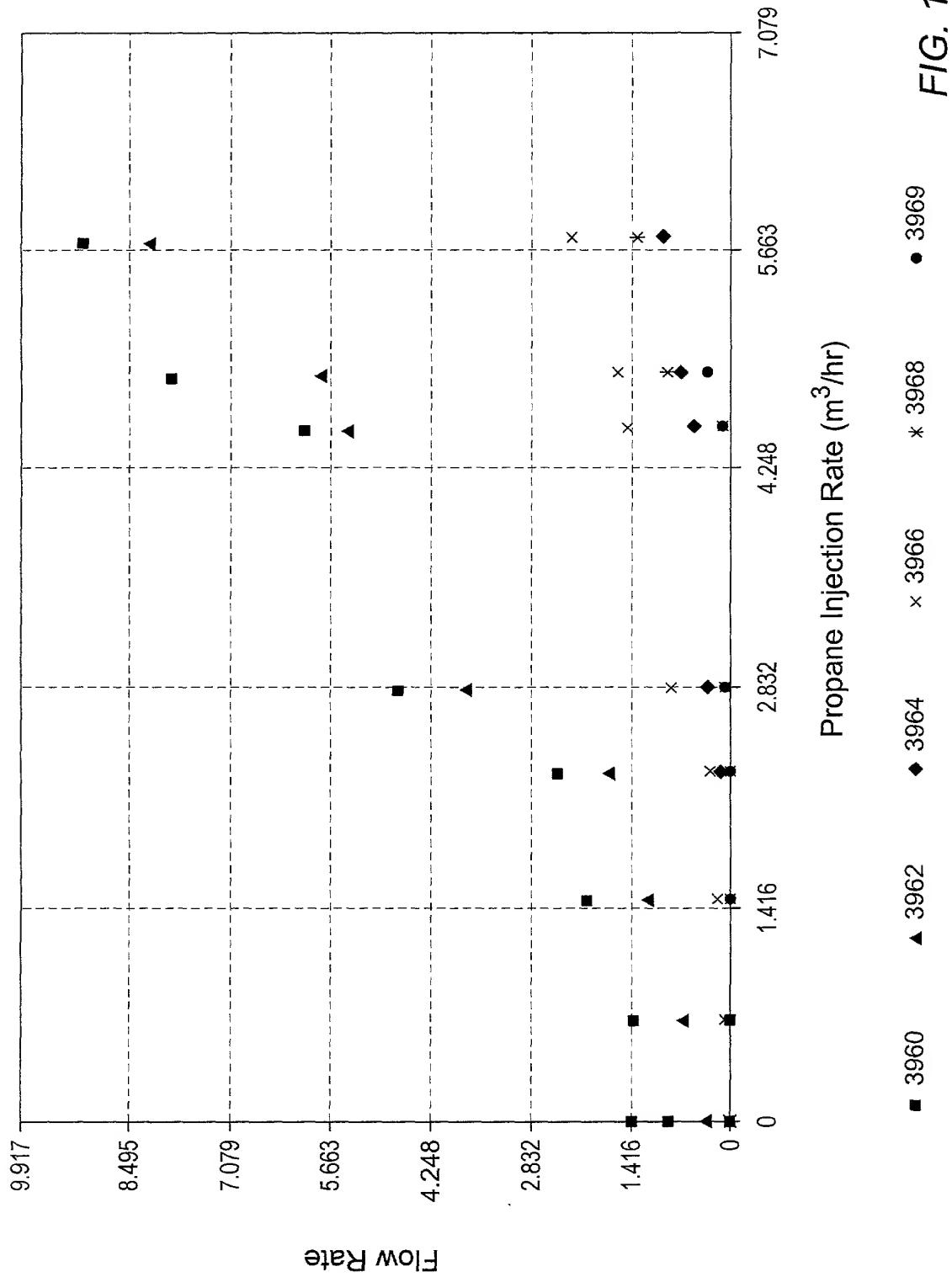


FIG. 117

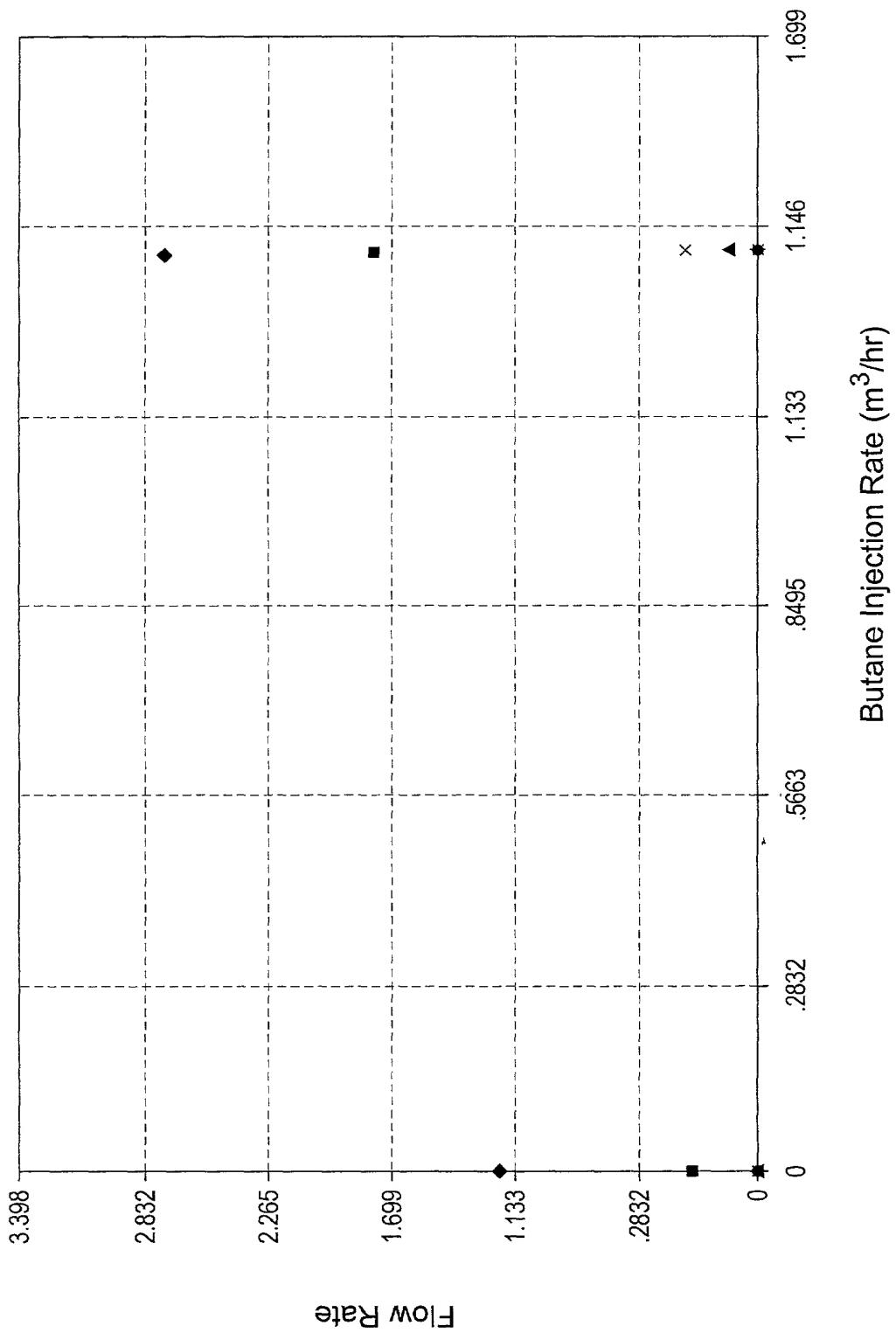


FIG. 118

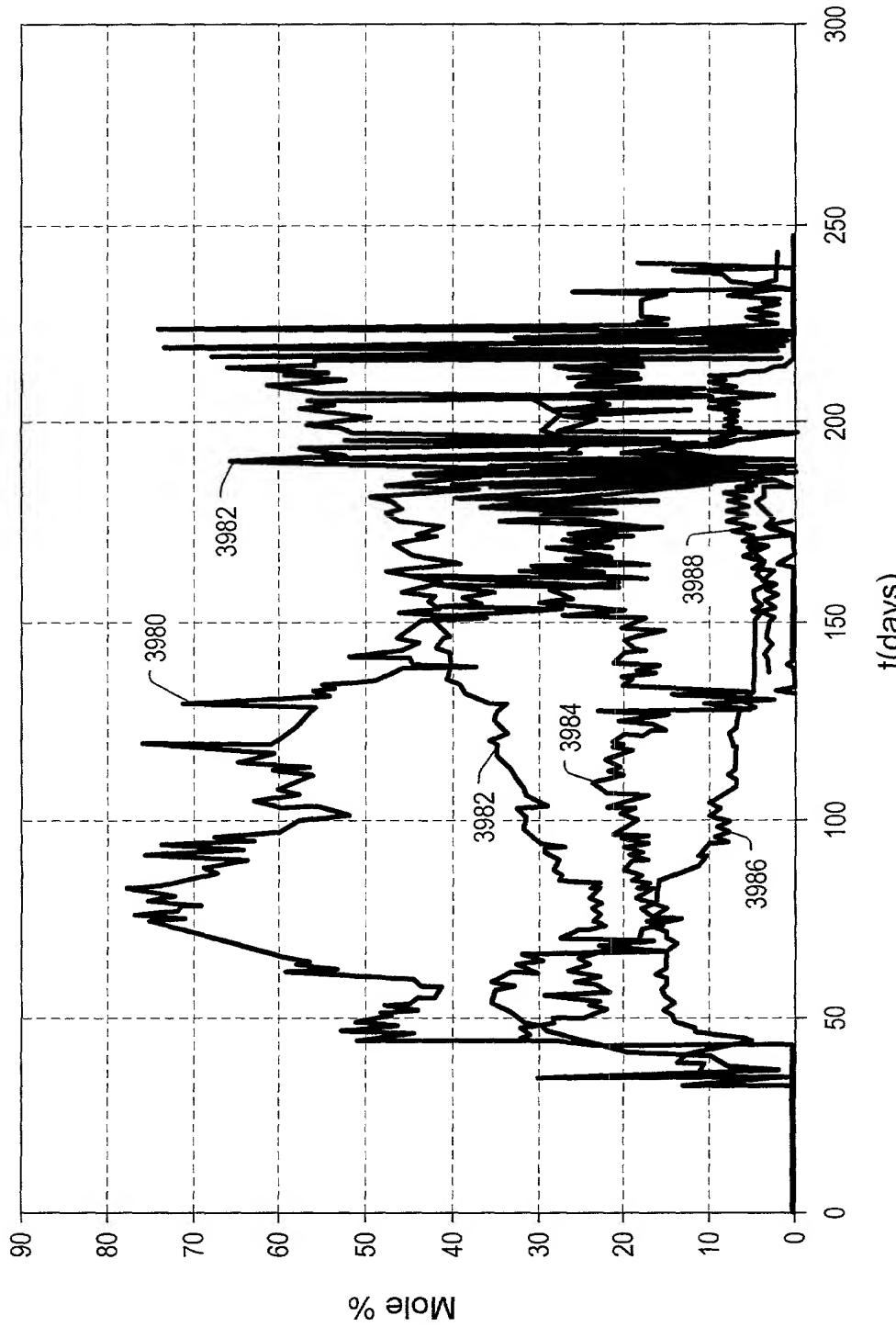
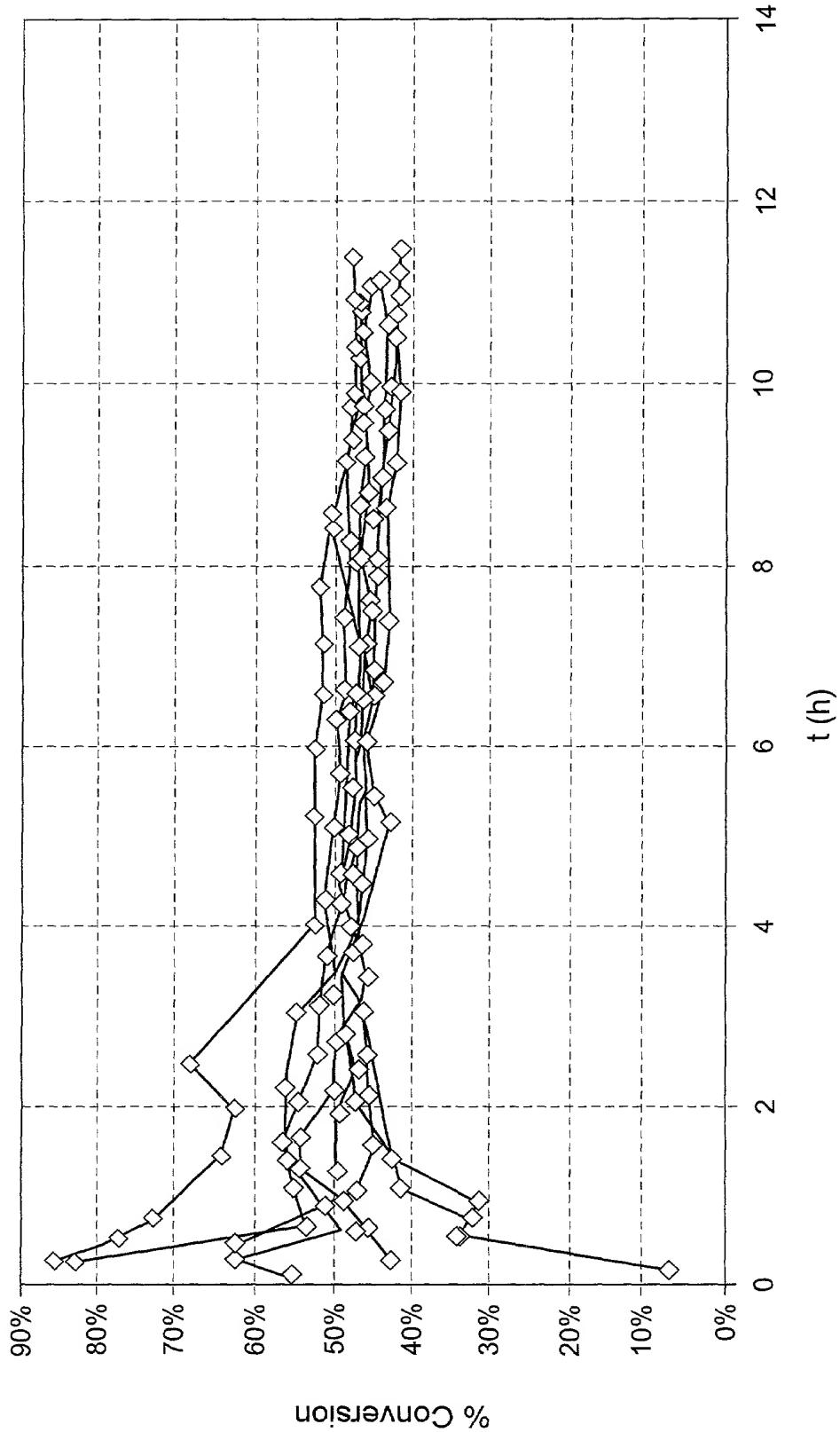


FIG. 119

FIG. 120



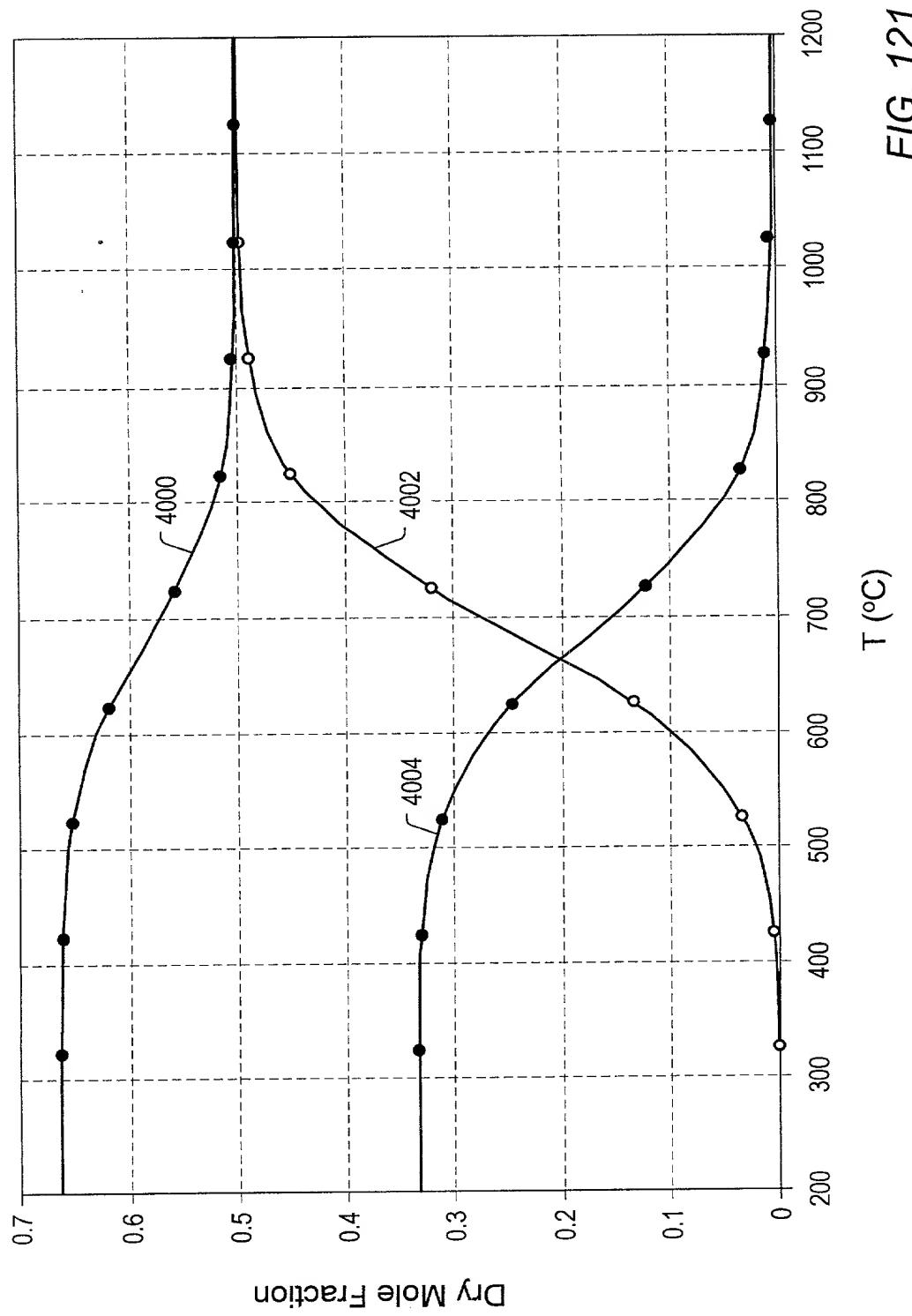
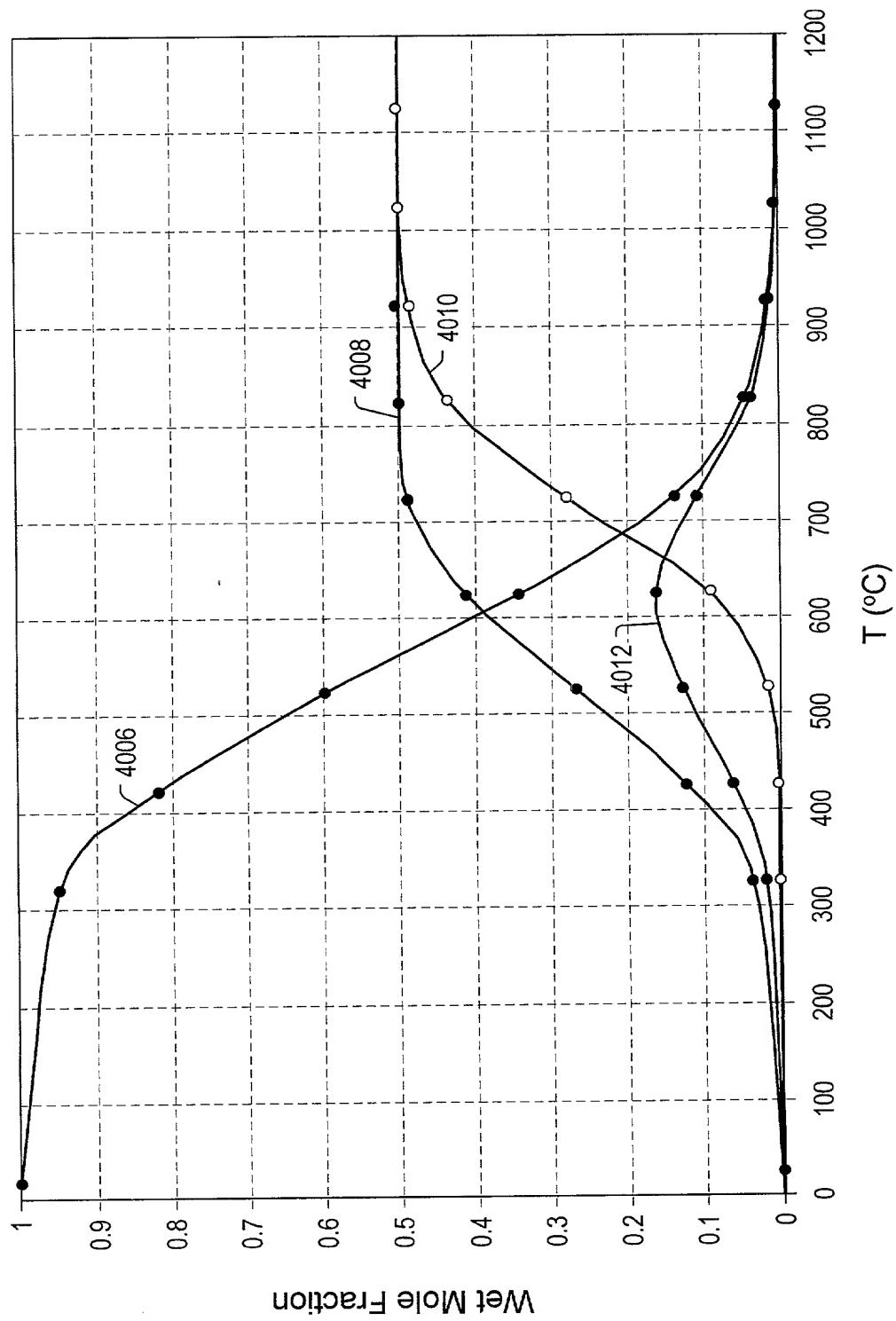


FIG. 121

FIG. 122



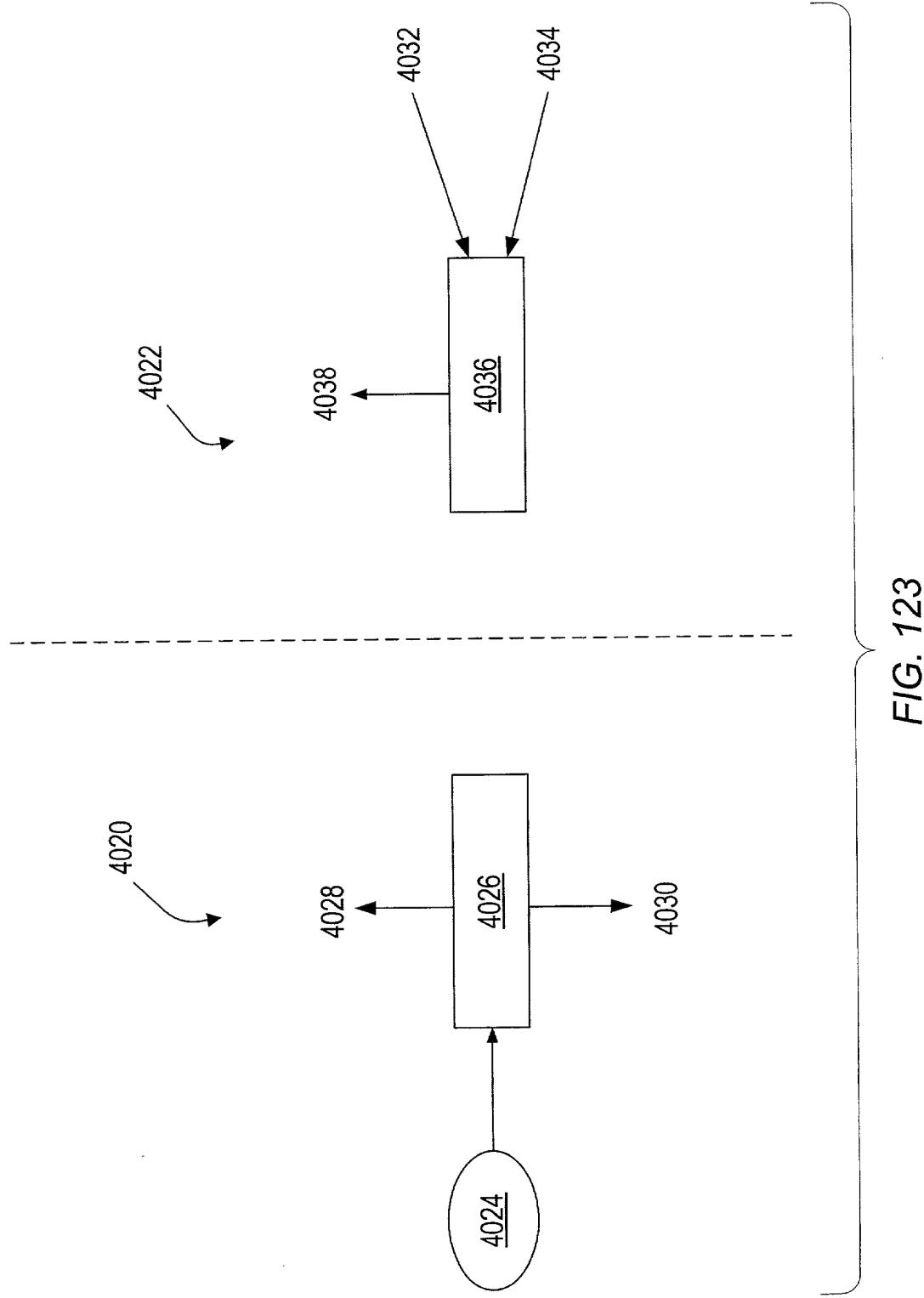


FIG. 123

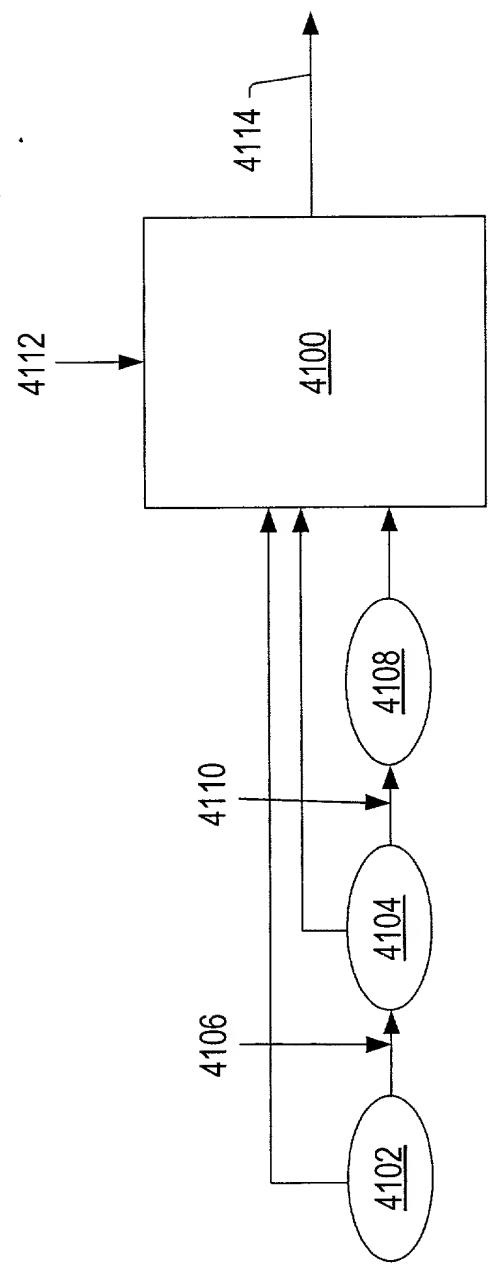


FIG. 124

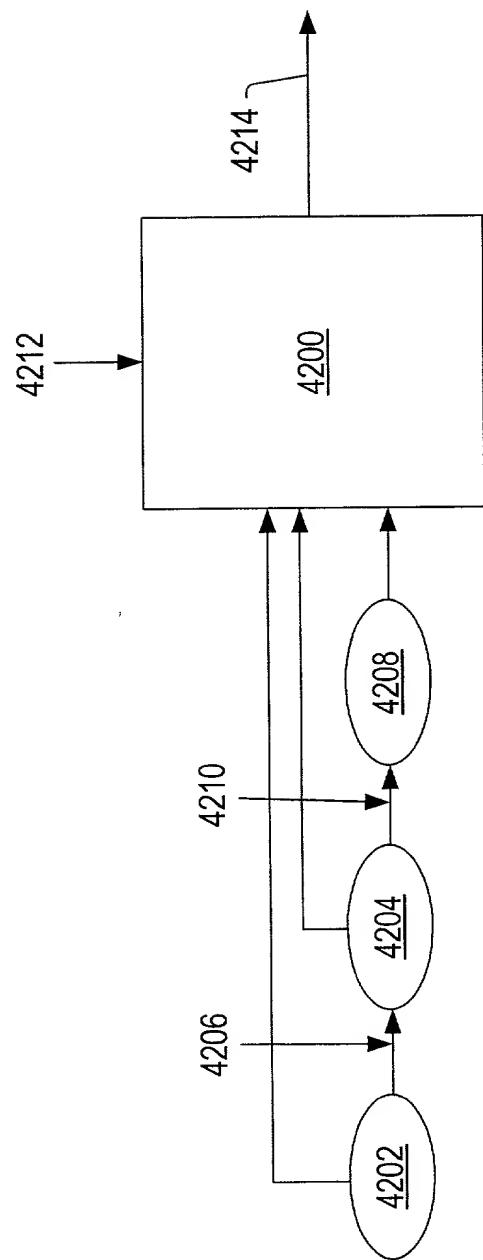


FIG. 125

FIG. 126

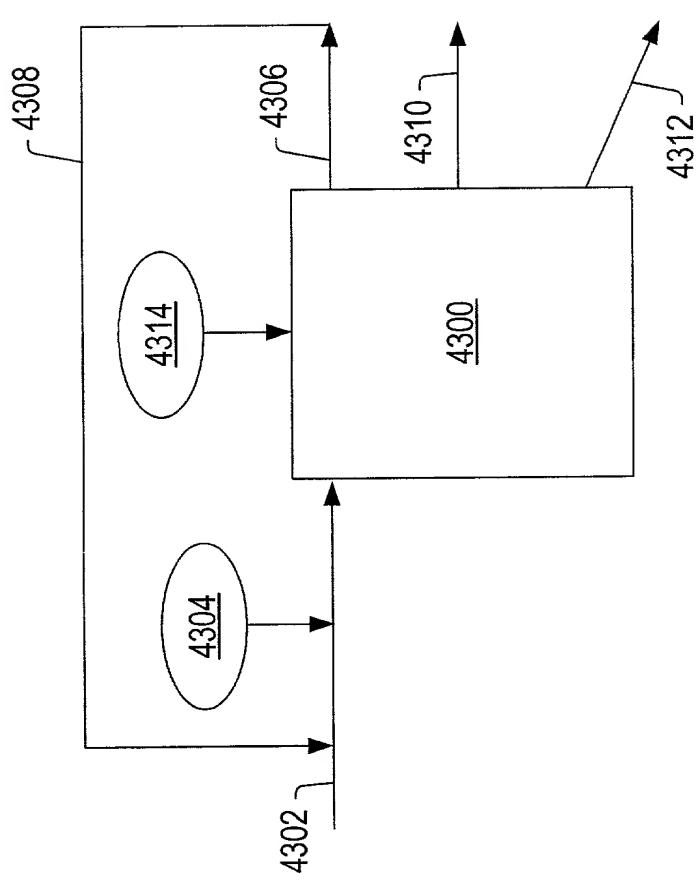


FIG. 127

Cumulative Sorbed (m^3 /metric ton)

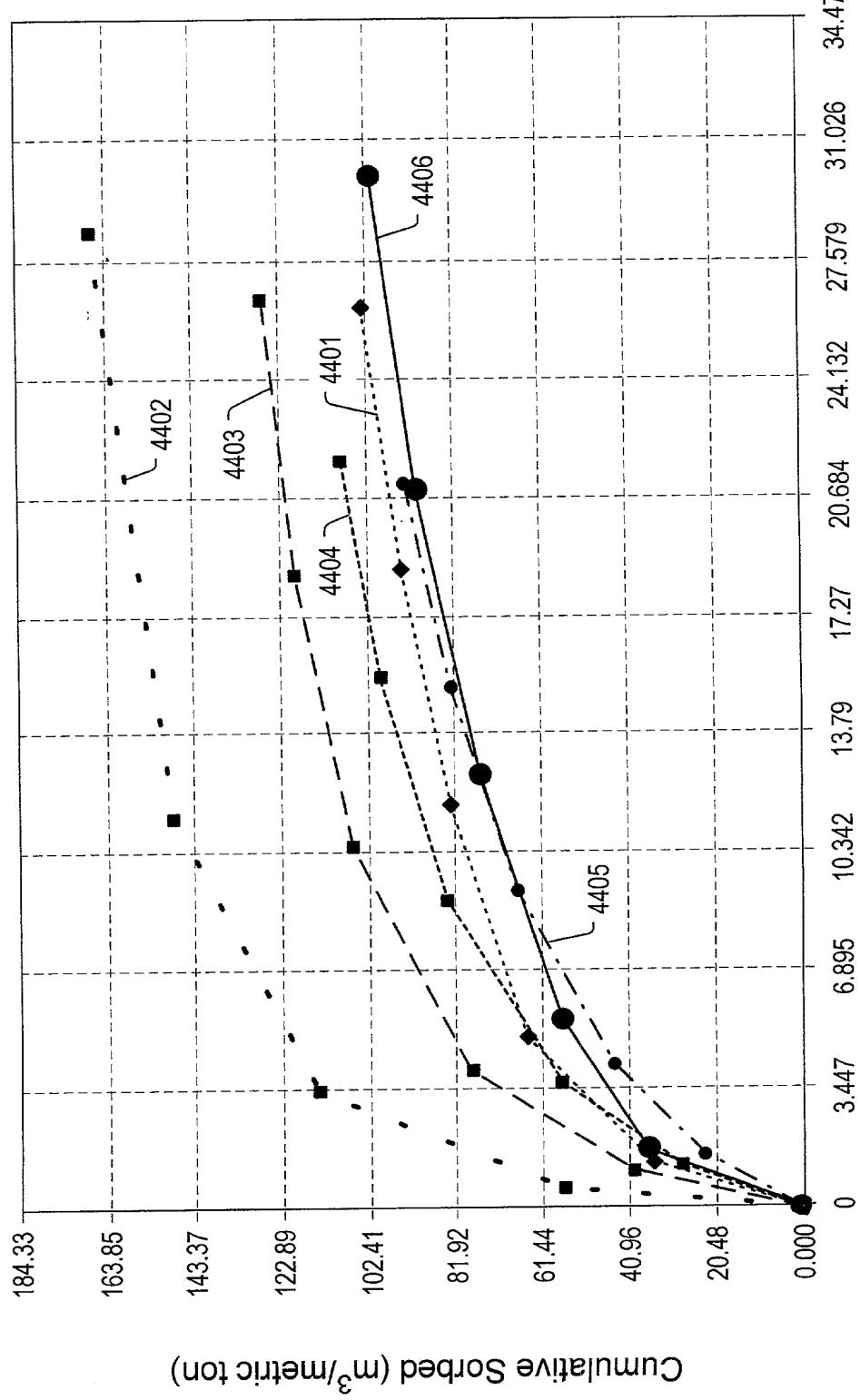
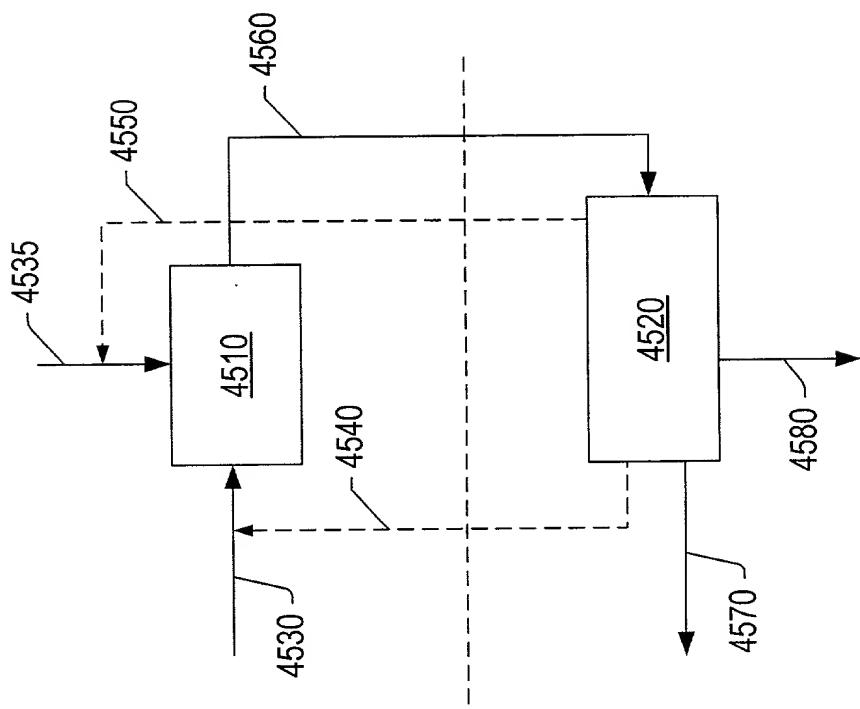


FIG. 128



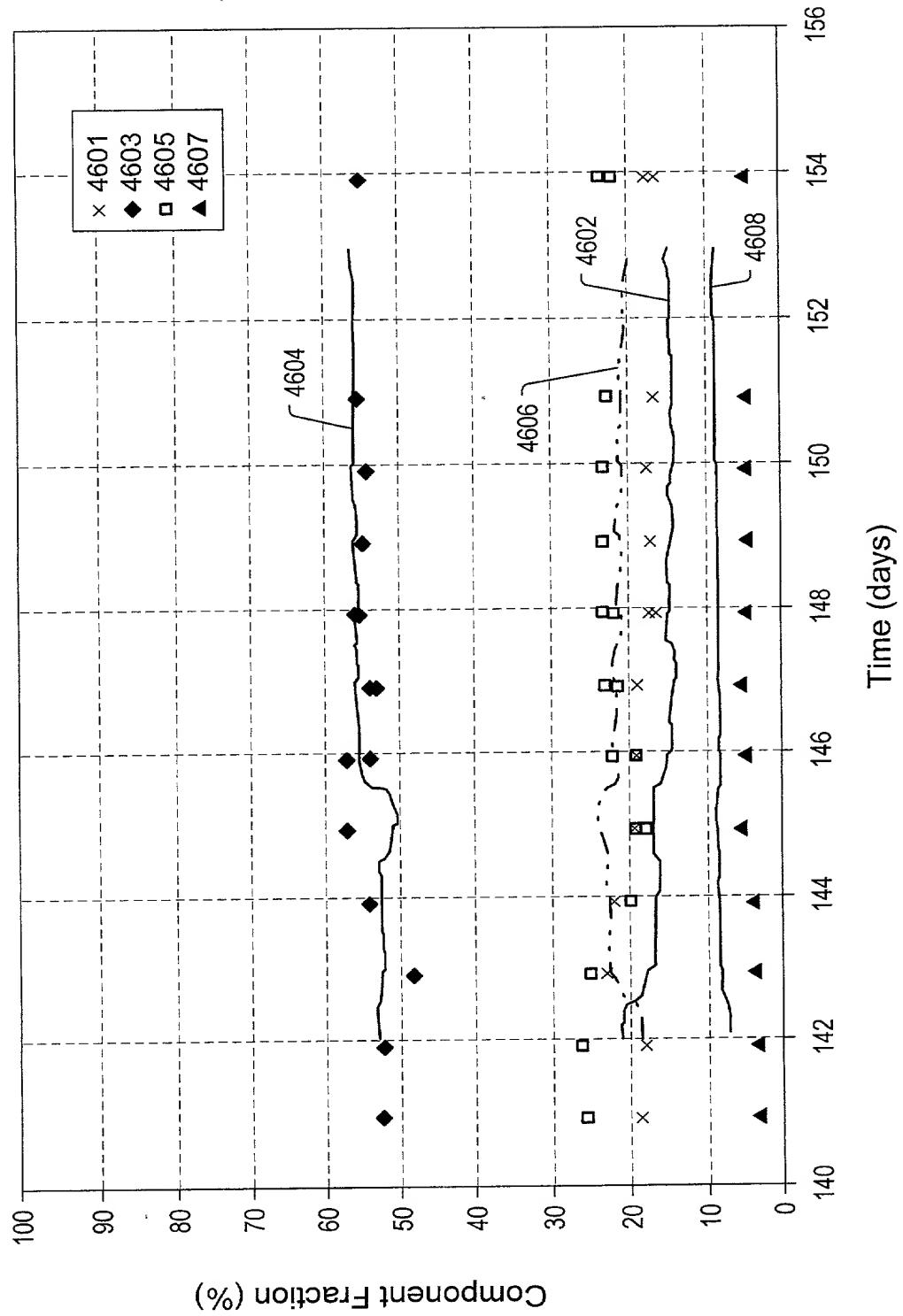


FIG. 129

FIG. 130

time(days)

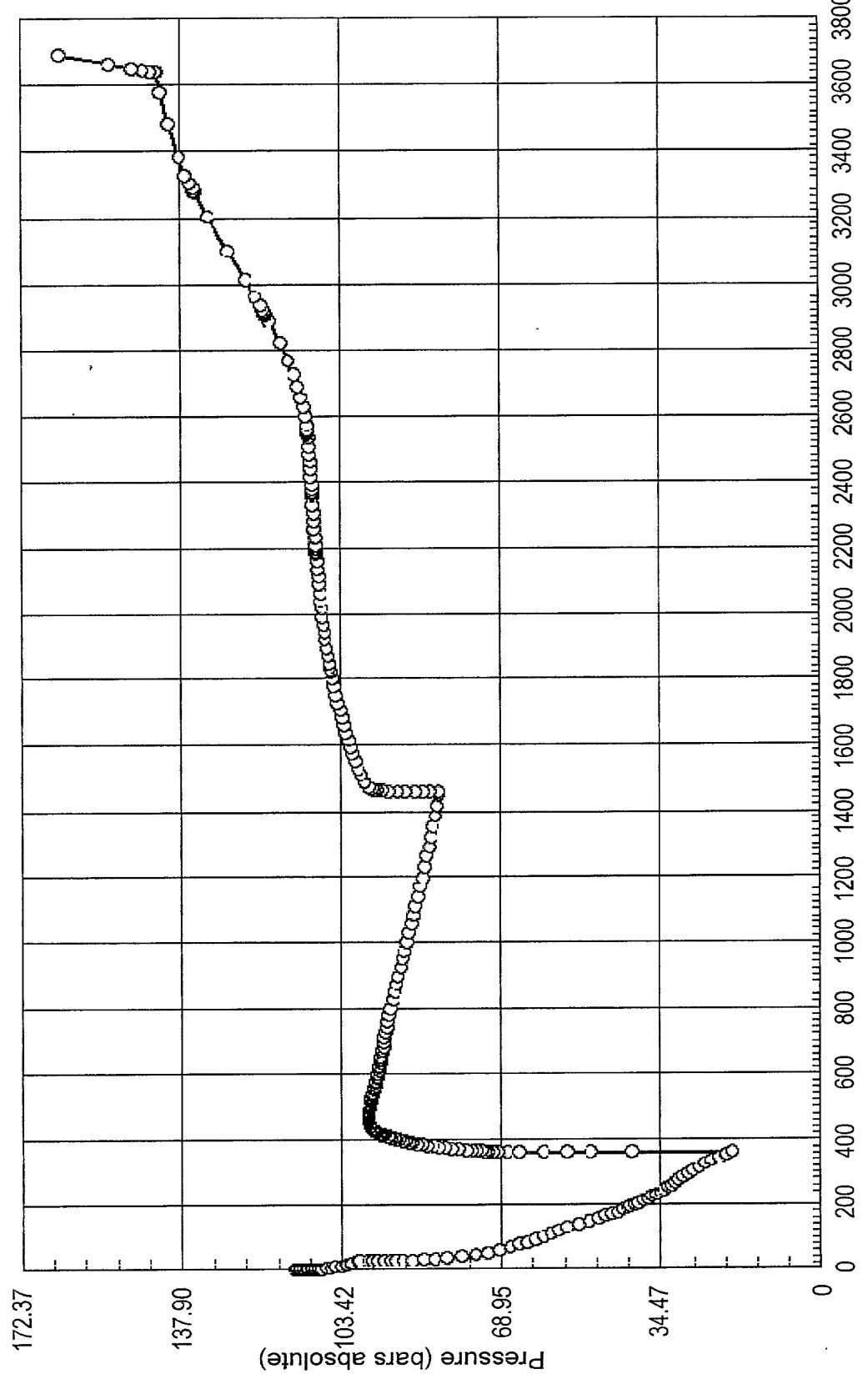


FIG. 131

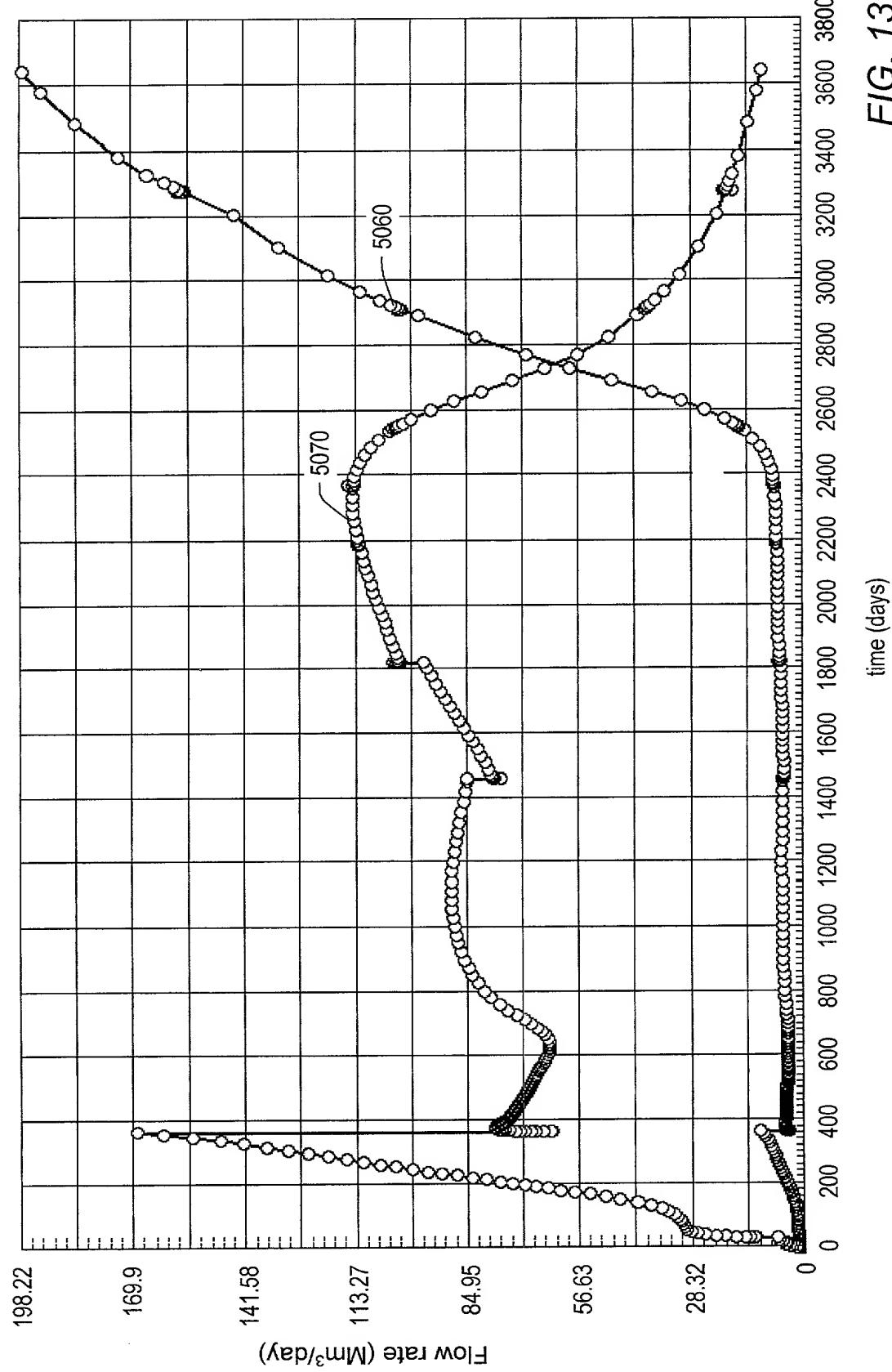


FIG. 132

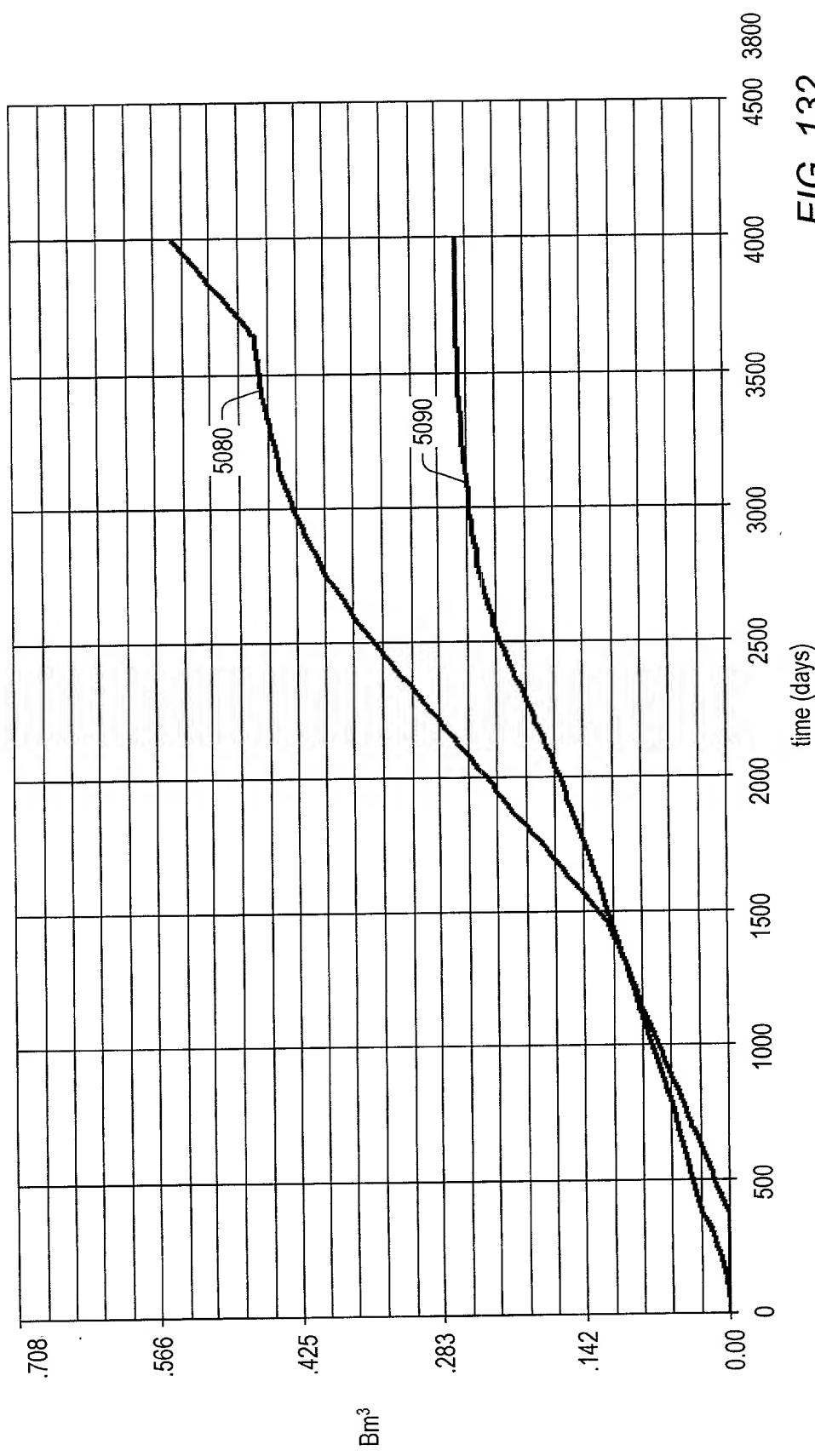


FIG. 133

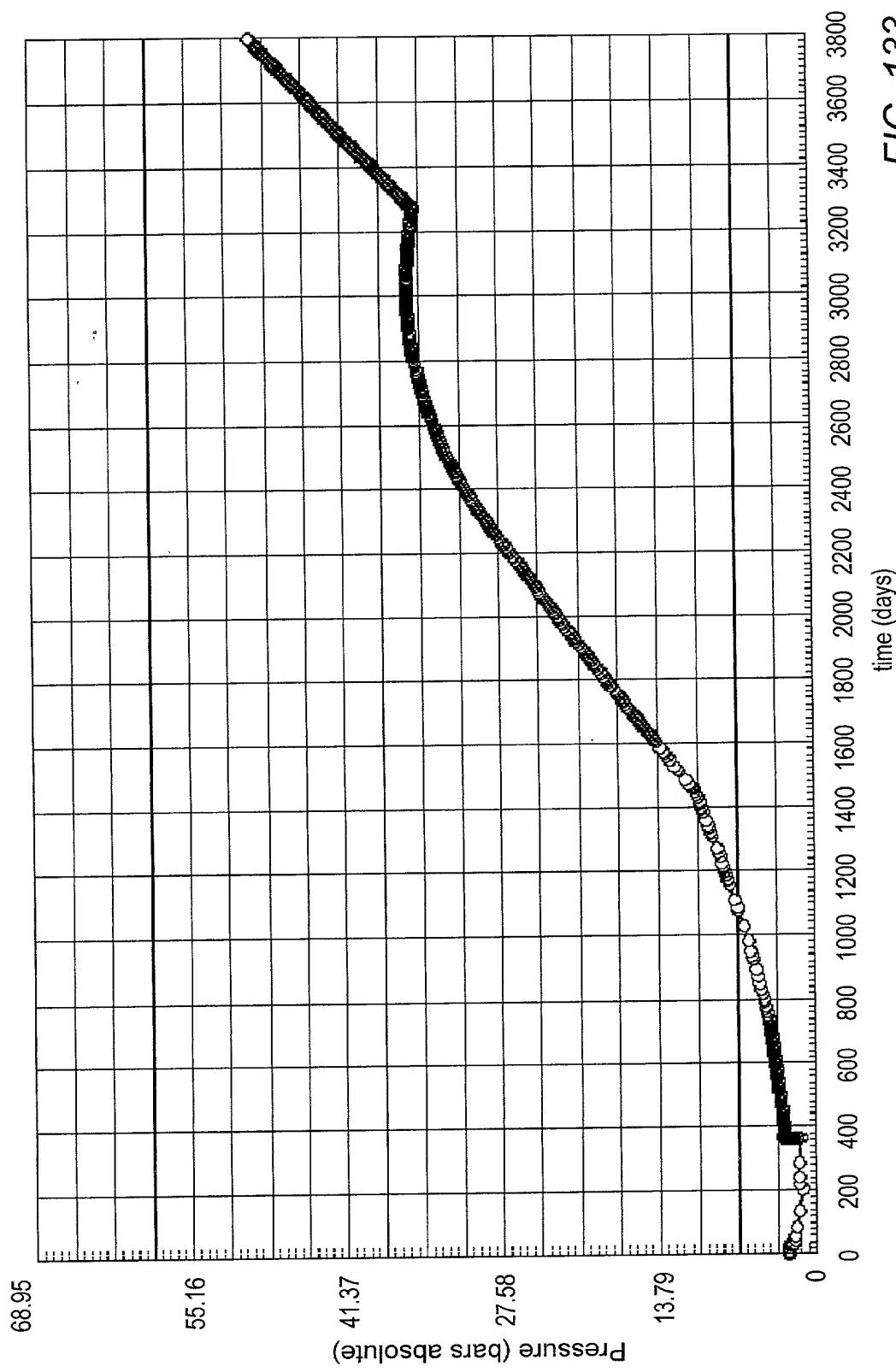
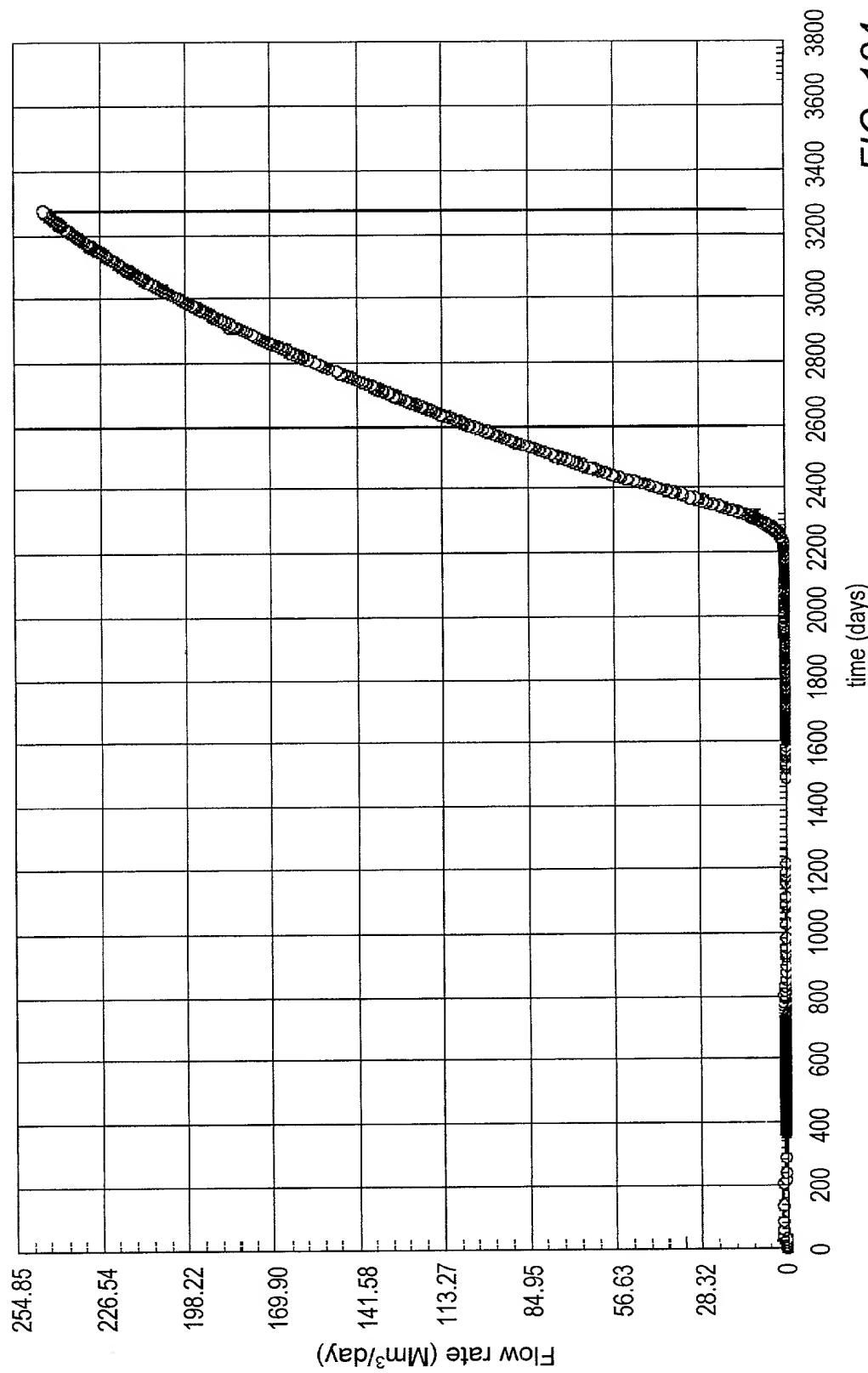


FIG. 134



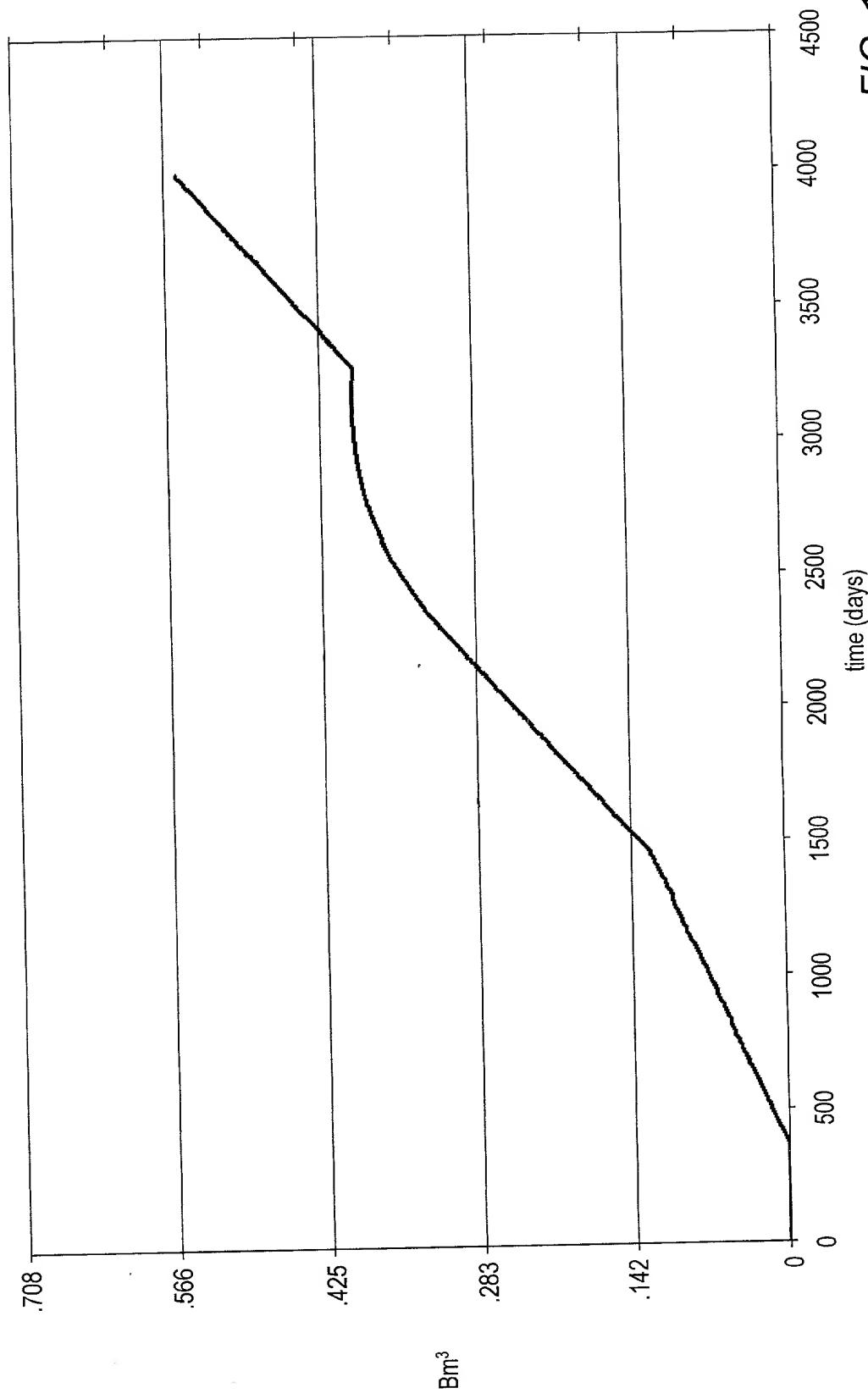


FIG. 135